

Wetlands Applications Decision Report

Decisions Taken
07/17/2017 to 07/23/2017

Approved
7/25/17
MAT

DISCLAIMER:

This document is published for information purposes only and does not constitute an authorization to conduct work. Work in jurisdiction may not commence until the applicant has received a posting permit.

Decisions are subject to appeal, and are reviewed by the federal agencies for compliance with Section 404 of the Federal Clean Water Act.

APPEAL:

Any party aggrieved by a decision may file an appeal within 30 days of the date of this decision as specified in RSA 482-A:10, RSA 21-O:14, and the rules adopted by the Wetlands Council, Env-WtC 100-200.

The appeal must be filed directly with the Council, c/o the Council Appeals Clerk, who may be contacted at (603) 271-6072 or atappeals@des.nh.gov. The notice of appeal must set forth fully every ground upon which it is claimed that the decision complained of is unlawful or unreasonable. Only those grounds set forth in the notice of appeal can be considered by the council.

MAJOR IMPACT PROJECT

2016-00790

NH DEPT OF TRANSPORTATION

GILFORD WEST ALTON BROOK

Requested Action:

Request amendment to modify the end sections of the permitted culvert to be squared off instead of parallel with the roadway which reduces the linear feet of new bank to be constructed by 20 feet.

Compensatory mitigation for the 20 linear feet includes a one-time payment of \$4,980.80 to the Aquatic Resource Mitigation Fund.

Conservation Commission/Staff Comments:

4/8/16 Con. Com. has requested a "hold" on this application until they can walk the site and further review the Prime Wetland mapping.

4/25/16 Con. Com. voted to approve providing DOT/DES make available the delineation of the jurisdictional limits of the prime wetland so that the Town may incorporate this information in its mapping records.

APPROVE AMENDMENT

Replace a 31 ft. long x 9 ft. wide x 5 ft. high concrete box culvert with a 43 ft. long x 16 ft. wide x 8 ft. high (2 ft. embedded) concrete box culvert placed on skew and eliminate the perched outlet impacting 5,300 sq. ft. (1,290 sq. ft. temporary) of prime wetland, stream and banks. NHDOT project #16279

Compensatory mitigation includes a one-time payment of \$27,360.00 and a one-time payment of \$4,980.80 to the Aquatic Resource Mitigation Fund.

With Conditions:

1. All work shall be in accordance with plans by NHDOT Bureau of Highway Design, dated 01/25/2016 revised 6/30/17 as received by the NH Department of Environmental Services (DES) on July 6, 2017.
2. Dredged material shall be placed out of the DES Wetlands Bureau jurisdiction unless specifically allowed.
3. Appropriate siltation/erosion/turbidity controls shall be in place prior to construction, shall be maintained during construction, and shall remain until the area is stabilized.
4. Construction equipment shall not be located within surface waters.
5. Discharge from dewatering of work areas shall be to sediment basins that are: a) located in uplands; b) lined with hay bales or other acceptable sediment trapping liners; and c) set back as far as possible from wetlands and surface waters, in all cases with a minimum of 20 feet of undisturbed vegetated buffer.
6. Within three days of the last activity in an area, all exposed soil areas, where construction activities are complete, shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tack on slopes steeper than 3:1 or netting /matting and pinning on slopes steeper than 2:1.
7. Where construction activities have been temporarily suspended within the growing season, all exposed soil areas shall be stabilized within 14 days by seeding and mulching or if temporarily suspended outside the growing season, all exposed areas shall be stabilized within 14 days by mulching, mulching with tack on slopes steeper than 3:1 and stabilized by matting and pinning on slopes steeper than 2:1.
8. The contractor responsible for completion of the work shall utilize techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
9. Extreme precautions to be taken within riparian areas to limit unnecessary removal of vegetation during road construction and areas cleared of vegetation to be revegetated as quickly as possible.
10. There shall be no further alteration to wetlands or surface waters without amendment of this permit.
11. Work shall be done during low flow.
12. Roadway runoff shall be diverted to reduce sediment into jurisdictional areas.
13. Rip rap design specifications shall be submitted to the file in accordance with Env-Wt 404.04 prior to construction.

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14. Simulation of the natural stream shall be through the proposed structure.
15. Construction monitoring reports shall be provided to the Wetlands Bureau file.

With Findings:

1. This is a major impact project per Administrative Rule Env-Wt 303.02(f), projects in or adjacent to prime wetlands.
2. The need for the proposed impacts has been demonstrated by the applicant per Env-Wt 302.01.
3. The applicant has provided evidence which demonstrates that this proposal is the alternative with the least adverse impact to areas and environments under the department's jurisdiction per Env-Wt 302.03.
4. The applicant has demonstrated by plan and example that each factor listed in Env-Wt 302.04(a), Requirements for Application Evaluation, has been considered in the design of the project.
5. On July 6, 2017 the DES received an amendment request to allow the culvert to have squared off ends. The modified plan results in 20 less feet of bank to be constructed which was a part of the permittee-responsible mitigation.
6. A one-time payment of \$4,980.80 to the Aquatic Resource Mitigation Fund was received on July 7, 2017 for the amended permit request.
7. On July 11, 2017 the DES received a copy of a certified mail receipt indicating the town received the amended request on July 6. As of July 20 the DES had no additional correspondence noting any concerns with the slight modification.

Mitigation Findings:

8. The applicant has reviewed on-site options for mitigation and the department has determined that this project is acceptable for payment to the Aquatic Resource Mitigation (ARM) Fund.
9. The payments calculated for the proposed wetland loss equals a total of \$32,260.80.

2016-01212

MOUNTAIN LAKES DISTRICT

WOODSVILLE LOWER/UPPER MOUNTAIN LAKE

Requested Action:

Place 168 cubic yards of sand on 9100 sq. ft. of community beach, Mountain Lakes, Woodsville.

DENY PERMIT-INSUFFICIENT & UNTIMELY RESP

Place 168 cubic yards of sand on 9100 sq. ft. of community beach, Mountain Lakes, Woodsville.

With Findings:

1. A request for additional information dated July 07, 2016 and a second request dated August 31, 2016, addressed to the applicant or agent of record, clearly identified the requirement that the applicant to submit additional information to DES within 60 days of the request.
2. Pursuant to RSA 482-A:3, XIV(a) (2), if the requested additional information is not received by DES within 60 days of the request, DES shall deny the application.
3. DES did not receive the requested additional information within the 60 days and therefore the application has been denied.

2017-00773

PITTSFIELD, TOWN OF

PITTSFIELD

Requested Action:

Dredge and fill 2,800 square feet (220 linear feet) of Kelley Brook (Tier 3) to replace an existing 7 foot x 11 foot x 27 foot metal arch culvert with a 7.5 foot x 26 foot x 27 foot three sided rigid frame bridge and associated headwalls.

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APPROVE PERMIT

Dredge and fill 2,800 square feet (220 linear feet) of Kelley Brook (Tier 3) to replace an existing 7 foot x 11 foot x 27 foot metal arch culvert with a 7.5 foot x 26 foot x 27 foot three sided rigid frame bridge and associated headwalls.

With Conditions:

1. All work shall be in accordance with revised plans by Holden Engineering & Surveying, Inc. titled Environmental Permitting Plan, Shaw Road Culvert (Bridge #089/135) for the Town of Pittsfield dated November 11, 2016 and revised June 22, 2017 as received by the Department on June 24, 2017.
2. If any work associated with the project authorized by this permit will encroach on an abutter's property or occur within 20 feet of the property line, then prior to starting work the permittee shall (1) obtain temporary construction easements or other written agreements from the owner of the abutting property, and (2) submit a copy of each agreement to the DES Wetlands Program.
3. No person undertaking any activity shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards in RSA 485-A and Env-Wq 1700.
4. A certified wetlands scientist or qualified professional, as applicable, shall monitor the project during construction to verify that all work is done in accordance with the approved plans and narratives, adequate siltation and erosion controls are properly implemented, and no water quality violations occur. A follow-up report including photographs of all stages of construction shall be submitted to the DES Wetlands Program within 60 days of final site stabilization.
5. Extreme precautions shall be taken within riparian areas to limit unnecessary removal of vegetation during construction and areas cleared of vegetation to be revegetated with native like species within three days of the completion of this project.
6. Work within the river, inclusive of work associated with installation of a cofferdam and temporary access, shall be limited to periods of low flow. High flows can be caused by seasonal runoff or precipitation; the permittee shall monitor local forecasts to review weather conditions.
7. Appropriate siltation and erosion controls shall be in place prior to construction, shall be maintained during construction, and remain until the area is stabilized. Silt fence(s) must be removed once the area is stabilized.
8. Appropriate turbidity controls shall be installed prior to construction, shall be maintained during construction such that no turbidity escapes the immediate work area, and shall remain until suspended particles have settled and the water at the work site has returned to normal clarity.
9. The Contractor responsible for completion of the work shall utilize techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
10. The use of welded plastic or 'biodegradable plastic' erosion control netting should be avoided at the work site.
11. No work within the confined area shall proceed until the cofferdam is fully effective, and water flow is controlled.
12. Discharge from dewatering of work areas shall be to sediment basins that are: a) located in uplands; b) lined with hay bales or other acceptable sediment trapping liners; c) set back as far as possible from wetlands and surface waters, in all cases with a minimum of 20 feet of undisturbed vegetated buffer.
13. Dredged material shall be placed outside of the jurisdiction of the DES Wetlands Bureau.
14. The permittee/permittee's contractor shall regrade temporary impacts to pre-construction conditions and plant native species similar to those within the wetland prior to impact. The permittee shall implement corrective measure promptly if needed to ensure the plantings survive. Materials used to emulate a natural stream channel surface must be rounded, smooth stones similar to the natural stream substrate and shall not include angular rip-rap.
15. Temporary cofferdams shall be entirely removed immediately following construction.
16. Construction equipment shall be inspected daily for leaking fuel, oil and hydraulic fluid.
17. Faulty equipment shall be repaired prior to construction.
18. The contractor shall have appropriate oil spill kits on site and readily accessible at all times during construction and each operator shall be trained in its use.
19. All refueling of equipment shall occur outside of surface waters or wetlands during construction.
20. Within three days of final grading or temporary suspension of work in an area that is in or adjacent to wetlands or surface waters, all exposed soil areas shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tack or netting and pinning on slopes steeper than 3:1.
21. Within three days of final grading in an area that is in or adjacent to wetlands or surface waters, all exposed soil areas shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tack or netting and pinning on slopes steeper than 3:1.
22. Where construction activities have been temporarily suspended within the growing season, all exposed areas shall be stabilized within 14 days by mulching and seeding.
23. Where construction activities have been suspended outside the growing season, all exposed areas shall be stabilized within 14 days by mulching and tack. Slopes steeper than 3:1 shall be stabilized by matting and pinning.

With Findings:

1. This is a Major impact project per Administrative Rule Env-Wt 303.02(p), Any project that includes a new or replacement stream crossing which meets the criteria for a tier 3 stream crossing as specified in Env-Wt 904.04(a). The stream has a watershed size of 4.8 square miles which meets Tier 3 stream crossing criteria per Env-Wt 904.04.
2. The need for the proposed impacts has been demonstrated by the applicant per Env-Wt 302.01. The existing stone headwalls of the Kelley Brook Culvert have deteriorated to the point that the surface of Shaw Road and the culvert carrying Kelley Brook are in need of repair.
3. The applicant has provided evidence which demonstrates that this proposal is the alternative with the least adverse impact to areas and environments under the department's jurisdiction per Env-Wt 302.03. The existing culvert crossing is reportedly undersized causing impoundment at the upstream end of the culvert and scouring at both up and downstream of the culvert. The proposed span has been designed to reduce the risk of upstream flooding and potential failure of the roadway.
4. The applicant has demonstrated by plan and example that each factor listed in Env-Wt 302.04(a) Requirements for Application Evaluation, has been considered in the design of the project.
5. The bank full width of the crossing reference reach was determined to be 18.5 feet. The bank full depth is 1.8 feet, and the entrenchment ratio was determined to be 4.4.
6. The project engineer has reviewed the existing and proposed structures and has provided revised drainage calculations affirming that the proposed 26 foot clear span three sided open bottom rigid frame culvert has been designed to accommodate the 100-year frequency storm event.
7. The hydraulic analysis indicated the existing structure and roadway above it would be completely submerged in a 50-year storm event. The structure provides 0.44 feet of freeboard for the 100-year storm event.
8. Compensatory mitigation was not required for the project as it was determined to be self-mitigating. The proposed design will improve hydraulic capacity, includes natural stream bed material, and impacts have been mostly limited to a previously impacted location at the existing crossing.
9. The Town of Pittsfield Conservation Commission signed the wetland permit application on February 24, 2017.
10. The New Hampshire Natural Heritage Bureau has reviewed the proposed project and determined there are no recorded occurrences for sensitive species near the project area per letter dated May 6, 2016.
11. The U.S. Fish & Wildlife Service IPaC Trust Resources Report indicated there are no critical habitats, refuges, or fish hatcheries in the project location per letter dated June 29, 2016.
12. The New Hampshire State Historic Preservation Officer has reviewed the proposed project and determined that no historic properties will be affected per letter dated April 7, 2016.

2017-01183

JLL REALTY LLC

GILFORD Unnamed Stream

Requested Action:

Dredge and fill approximately 708 square feet of an intermittent stream channel to replace a 236 foot long failing, 24 inch corrugated metal pipe culvert with a 36 inch corrugated metal pipe culvert, constructing new head walls and reinforcing the outfall with natural stone and native vegetation.

Conservation Commission/Staff Comments:

5/2/2017 Con. Com. requests a "hold" on the application until they can review at their next scheduled meeting and issue comments.

5/9/17 - No historic properties affected per DHR.

5/25/17 No vote taken since there wasn't a quorum but those who were present agreed that "this is almost, if not an emergency repair."

APPROVE PERMIT

Dredge and fill approximately 708 square feet of an intermittent stream channel to replace a 236 foot long failing, 24 inch corrugated metal pipe culvert with a 36 inch corrugated metal pipe culvert, constructing new head walls and reinforcing the outfall with natural stone and native vegetation.

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With Conditions:

1. All work shall be in accordance with plans prepared by Jon Rokeh of Rokeh Consulting, LLC, last revised July 14, 2017, and received by the Department of Environmental Services (NHDES) on July 14, 2017.
2. In order to accommodate the flows from a 50-year frequency storm event, a 36 inch diameter culvert shall be installed in place of the existing 24 inch culvert as indicated on the revised project plans dated July 14, 2017.
3. Materials used to emulate a natural channel bottom must be consistent with the streambed materials identified in the reference reach, and shall not include angular riprap.
4. The outfall shall be designed with natural streambed materials identified within the reference reach and stabilized with native vegetation as indicated on the approved plans.
5. Extreme precautions shall be taken within riparian areas to prevent unnecessary removal of vegetation during construction. Areas cleared of vegetation must be revegetated with like native species within three days of the completion of the disturbance.
6. Work shall be done during low flow conditions.
7. Work shall be conducted in a manner so as to minimize turbidity and sedimentation to surface waters and wetlands.
8. Appropriate siltation/erosion/turbidity controls shall be in place prior to construction, shall be maintained during construction, and shall remain in place until the area is stabilized.
9. Appropriate turbidity controls shall be installed prior to construction, shall be maintained during construction such that no turbidity escapes the immediate work area, and shall remain until suspended particles have settled and the water at the work site has returned to normal clarity.
10. The Contractor responsible for completion of the work shall utilize techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
11. Discharge from dewatering of work areas shall be to sediment basins that are: a) located in uplands; b) lined with hay bales or other acceptable sediment trapping liners; c) set back as far as possible from wetlands and surface waters, in all cases with a minimum of 20 ft. of undisturbed vegetated buffer.
12. Dredged material shall be placed outside of the jurisdiction of the NHDES Wetlands Bureau.
13. Culverts shall be laid at original grade or embedded to maintain hydraulic connection through the crossing.
14. Embankments adjacent to wetlands, culverts, and other stream crossings shall have appropriate slope protection, such as vegetated stabilization, rip-rap, or concrete or stone headwalls, where flowing water conditions exist.
15. Construction equipment shall be inspected daily for leaking fuel, oil and hydraulic fluid. Faulty equipment shall be repaired immediately.
16. Faulty equipment shall be repaired prior to entering jurisdictional areas.
17. The contractor shall have appropriate oil spill kits on site and readily accessible at all times during construction and each operator shall be trained in its use.
18. All refueling of equipment shall occur outside of surface waters or wetlands.
19. Within three days of final grading, all exposed soil areas shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tack or netting and pinning on slopes steeper than 3:1.
20. Where construction activities have been temporarily suspended within the growing season, all exposed soil areas shall be stabilized within 14 days by seeding and mulching.

With Findings:

1. This is a Major Project per Administrative Rule Env-Wt 303.02(i), as projects that alter the course of or disturb 200 or more linear feet of an intermittent or perennial nontidal stream or river channel or its banks.
2. The need for the proposed impacts has been demonstrated by the applicant per Env-Wt 302.01. The proposed project is necessary to address an existing failing 24 inch culvert that currently does not meet the 50 year storm event.
3. The applicant has provided evidence which demonstrates that this proposal is the alternative with the least adverse impact to areas and environments under the department's jurisdiction per Env-Wt 302.03. The project proposes impacts within the footprint of the preexisting undersized culvert.
4. The applicant has demonstrated by plan and example that each factor listed in Env-Wt 302.04(a), Requirements for Application Evaluation, has been considered in the design of the project.
5. Compensatory mitigation is not required for the project as it was determined to be self-mitigating. The proposed design will improve hydraulic capacity, will provide an overall reduction in velocity within the larger culvert, provides improved stream alignment, is designed to reduce bank erosion at the culvert outlet area, and incorporates bioengineering for bank stabilization.
6. This project has been deemed self-mitigating because, compared to the existing failing 24 inch culvert that does meet the 50 year storm event, the replacement culvert meets the 100 year storm event and the outlet will be enhanced and fortified with natural stone and native blueberry bushes.
7. Town of Gilford Conservation Commission has reviewed the proposed project and had no objections.
8. The NH Natural Heritage Bureau database indicated no recorded occurrences for sensitive species near this project area per letter dated April 12, 2017.

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9. In a correspondence dated May 7, 2017, the NH Division of Historic Resources confirmed the absence of properties with historical significance.

2017-01321

GM INVESTMENT PARTNERS LLP

WEARE

Requested Action:

Dredge and fill 497 square feet (SF) of palustrine forested wetland and 225 SF of perennial stream (impacting 69 linear feet of bed and bank) to install a 48-inch by 23-foot reinforced concrete box culvert, embedded with stream simulation materials, for access to upland area for development of a single-family residential lot. In addition, temporarily impact 344 SF of palustrine forested wetland and 53 SF of perennial stream (impacting 27 LF) for construction access, dewatering and installation.

Conservation Commission/Staff Comments:

6-7-17 - No historic properties affected per DHR.

APPROVE PERMIT

Dredge and fill 497 square feet (SF) of palustrine forested wetland and 225 SF of perennial stream (impacting 69 linear feet of bed and bank) to install a 48-inch by 23-foot reinforced concrete box culvert, embedded with stream simulation materials, for access to upland area for development of a single-family residential lot. In addition, temporarily impact 344 SF of palustrine forested wetland and 53 SF of perennial stream (impacting 27 LF) for construction access, dewatering and installation.

With Conditions:

1. All work shall be in accordance with revised plans by Higginson Land Services dated March 30, 2017 last received by the NH Department of Environmental Services (DES) on July 17, 2017.
2. The permittee or permittee's project manager shall consult with a NH Fish & Game, Fisheries Biologist, to obtain approval on the timing of construction.
3. All in-stream work, inclusive of work associated with the installation of a cofferdam, shall be conducted during low flow conditions and in a manner that will not cause or contribute to any violations of surface water quality standards in RSA 485-A or New Hampshire Code of Administrative Rules Env-Wq 1700.
4. The permittee shall monitor local weather forecasts to avoid working during or following precipitation events.
5. Per recommendation of the New Hampshire Fish and Game Department (NHFG), the permittee/permittee's contractor shall use only biodegradable erosion control netting not to include materials comprised of welded plastic.
6. Appropriate siltation and erosion controls shall be in place prior to construction, shall be maintained during construction, and shall remain until the area is stabilized. Temporary controls shall be removed once the area has been stabilized.
7. Appropriate turbidity controls shall be installed prior to construction; shall be maintained during construction such that no turbidity escapes the immediate dredge area and shall remain until suspended particles have settled and water at the work site has returned to normal clarity.
8. Work shall be conducted in a manner so as to minimize turbidity and sedimentation to surface waters and wetlands.
9. The contractor responsible for completion of the work shall use techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
10. Erosion control products shall be installed per manufacturers recommended specifications.
11. No machinery shall enter the water.
12. No excavation shall be done in flowing water. No construction equipment shall be operated in flowing water.
13. To prevent the introduction of invasive plant species to the site, the permittee's contractor(s) shall clean all soils and vegetation from construction equipment before such equipment is moved to the site.
14. Construction equipment shall be inspected daily for leaking fuel, oil, and hydraulic fluid prior to entering surface waters or wetlands or operating in an area where such fluids could reach groundwater, surface waters, or wetlands.
15. The permittee's contractor shall maintain appropriate oil/diesel fuel spill kits on site that are readily accessible at all times during construction, and shall train each operator in the use of the kits.
16. All refueling of equipment shall occur outside of surface waters or wetlands during construction. Machinery shall be

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staged and refueled in upland areas only.

17. Faulty equipment shall be repaired immediately prior to entering areas that are subject to RSA 482-A jurisdiction.
18. Prior to commencing work on areas located within surface waters, the permittee or permittee's contractors shall construct a cofferdam to isolate the work area from the surface waters.
19. The implementation of a temporary cofferdam shall be designed and supervised by a Licensed Professional Engineer (PE).
20. Cofferdams shall not be installed during periods of high flow, whether due to seasonal runoff or precipitation. Once the cofferdam is fully effective, confined work can proceed without restriction.
21. The temporary cofferdam shall be entirely removed within 2 days after work within the cofferdam is completed and water has returned to normal clarity.
22. Discharge from dewatering of work areas shall be to sediment basins that are: a) located in uplands; b) lined with hay bales or other acceptable sediment trapping liners; c) set back as far as possible from wetlands and surface waters, with a preferred undisturbed vegetated buffer of at least 50 feet and a minimum undisturbed vegetative buffer of 20 feet.
23. All dredged and excavated material and construction-related debris shall be placed outside of the areas subject to RSA 482-A. Any spoil material deposited within 250 feet of any surface water shall comply with RSA-483-B.
24. Any fill used shall be clean sand, gravel, rock, or other suitable material.
25. Dredged materials, whether to be stockpiled or disposed of, shall be dewatered in sedimentation basins lined with siltation and erosion controls, and located outside of areas subject to RSA 482-A jurisdiction.
26. The permittee/permittee's contractor shall regrade temporary impacts to pre-construction conditions and revegetate all disturbed area with trees, shrubs and ground covers representing the density and species diversity of the existing stand of vegetation removed for this project, exclusive of any invasive or nuisance species.
27. Within three days of final grading or temporary suspension of work in an area that is in or adjacent to wetlands or surface waters, all exposed soil areas shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tackifiers on slopes less than 3:1 or netting and pinning on slopes steeper than 3:1.
28. Where construction activities occur between November 30 and May 1, all exposed soil areas shall be stabilized within 1 day of establishing the grade that is final or that otherwise will exist for more than 5 days. Stabilization shall include placing 3-inches of base course gravels, or loaming and mulching with tack or netting and pinning on slopes steeper than 3:1.
29. Proper headwalls shall be constructed within seven days of culvert installation.
30. The channel at the culvert inlet and outlet and the recreated stream channel must maintain the natural and a consistent streambed elevation and not impede stream flow.
31. Any native material removed from the streambed during construction shall be stockpiled separately and reused to emulate a natural channel bottom within the new crossing, between wing walls, and beyond. Any new materials used must be as similar to the natural stream substrate as practicable and shall not include any angular rock.
32. Materials used to emulate a natural channel bottom must be consistent with the streambed materials identified in the reference reach, and shall not include angular riprap or gravel.
33. Upland and bank areas landward of the work area shall not be disturbed by regrading or filling.
34. Extreme precautions shall be taken within riparian areas to prevent unnecessary removal of vegetation during construction. Areas cleared of vegetation must be revegetated with similar native species within three days of the completion of the disturbance.
35. Per recommendation of the New Hampshire Fish and Game Department (NHFG), angular rock shall not be used.
36. Prior to the start of construction, all on-site personnel must be made aware of the potential presence and protected status of the American Eel (state species of concern), Blandings Turtle (state-endangered), Eastern Hognose Snake (state-endangered), Northern Black Racer (state-threatened) and Wood Turtle (state species of concern).
37. If these or other rare and endangered wildlife species are encountered, the encounter shall be documented and NHFG Nongame and Endangered Wildlife Program shall be immediately contacted via Kim Tuttle at 603-271-6544 or kim.tuttle@wildlife.nh.gov.

With Findings:

1. This is a Major Project per Administrative Rule Env-Wt 903.01(g)(2), Env-Wt 904.04(a)(2) and (5) and Env-Wt 303.02(k) as it proposes to install a new stream crossing for driveway access to a single-family residential lot, with a contributing watershed of 186 acres, though it has been identified by the Natural Heritage Bureau (NHB) to have documented occurrences of sensitive species in the project area and is located within a Designated River Corridor.
2. The need for the proposed impacts has been demonstrated by the applicant per Env-Wt 302.01.
3. The project is necessary in order to gain access to buildable upland area for a single-family residence.
4. The applicant has provided evidence which demonstrates that this proposal is the alternative with the least adverse impact to areas and environments under the department's jurisdiction per Env-Wt 302.03.
5. The crossing has been proposed at the narrowest location available, as the wetland and stream bisect the property's frontage.
6. The crossing is sized to accommodate the geomorphology of the channel in that location as well as to be embedded to emulate the natural stream bottom throughout the crossing.
7. The project is located within the Designate River Corridor of the middle-branch of the Piscataquog River.

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8. The Natural Heritage Bureau (NHB) report submitted with the application package (NHB17-0965) cited potential impact to the American Eel (state species of concern), Blandings Turtle (state-endangered), Eastern Hognose Snake (state-endangered), Northern Black Racer (state-threatened) and Wood Turtle (state species of concern).
9. In correspondence dated April 25, 2017, the applicant has received recommendation from NHFG on avoidance and minimization of impact to sensitive species in the project area pre- and post-construction.
10. In the meeting minutes dated May 15, 2017, the applicant has received recommendation from the Piscataquog River Local Advisory Committee (PRLAC) to address potential impacts to sensitive species pre- and post-construction.
11. Recommendations from these organizations have been incorporated into the conditions of this permit.
12. The applicant has demonstrated by plan and example that each factor listed in Env-Wt 302.04(a), Requirements for Application Evaluation, has been considered in the design of the project.
13. No comments of concern were received by DES from abutters or local governing organizations.
14. In correspondence dated July 17, 2017, the applicant received signed authorization for the project, as proposed, to occur within 20 feet of the abutting property to the east (map/lot: 110/71).
15. Compensatory mitigation is not required per Rule Env-Wt 904.04(f)(1), as the project, as proposed, will be self-mitigating.

MINOR IMPACT PROJECT

2017-00728

280 SOUTH MAIN ST LLC / THE LAKE MOTEL

WOLFEBORO CRESCENT LAKE

Requested Action:

Remove existing docking structures, temporarily impact 1,193 square feet of bank to replace an existing timber retaining wall stabilizing the perimeter of a 51 ft. x 29 ft. dug in basin with a pre-cast block wall, dredge 19 cubic yards of material from 365 square feet of retaining wall, reinstall an 8 ft. x 68 ft. pier, a 5 ft. x 68 ft. pier, reconstruct a 4 ft. x 28 ft. wharf and a 5 ft. x 60 ft. wharf, and install two seasonal personal watercraft lifts on 395 feet of frontage along Crescent Lake in Wolfeboro.

Conservation Commission/Staff Comments:

4/7/17 per DHR No Historic Properties Affected

APPROVE PERMIT

Remove existing docking structures, temporarily impact 1,193 square feet of bank to replace an existing timber retaining wall stabilizing the perimeter of a 51 ft. x 29 ft. dug in basin with a pre-cast block wall, dredge 19 cubic yards of material from 365 square feet of retaining wall, reinstall an 8 ft. x 68 ft. pier, a 5 ft. x 68 ft. pier, reconstruct a 4 ft. x 28 ft. wharf and a 5 ft. x 60 ft. wharf, and install two seasonal personal watercraft lifts on 395 feet of frontage along Crescent Lake in Wolfeboro.

With Conditions:

1. All work shall be in accordance with revised plans by Berry Surveying & Engineering dated June 12, 2017, as received by DES on June 23, 2017.
2. This permit is not valid and effective until it has been recorded with the appropriate county Registry of Deeds by the applicant. Prior to starting work under this permit, the permittee shall submit a copy of the recorded permit to the DES Wetlands Program by certified mail, return receipt requested.
3. All development activities associated with this project shall be conducted in compliance with applicable requirements of RSA 483-B and N.H. Code of Administrative Rules Env-Wq 1400 during and after construction.
4. Work shall be carried out in a time and manner to avoid disturbances to migratory waterfowl breeding and nesting areas.
5. Appropriate siltation and erosion controls shall be in place prior to construction, shall be maintained during construction, and shall remain until the area is stabilized. Temporary controls shall be removed once the area has been stabilized.
6. Appropriate turbidity controls shall be installed prior to construction, shall be maintained during construction such that no turbidity escapes the immediate dredge area and shall remain until suspended particles have settled and water at the work site has returned to normal clarity.
7. All dredged and excavated material and construction-related debris shall be placed outside of the areas subject to RSA

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482-A. Any spoil material deposited within 250 feet of any surface water shall comply with RSA-483-B.

8. The contractor responsible for completion of the work shall use techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).

9. Only those structures shown on the approved plans shall be installed or constructed along this frontage. All portions of the structures shall be at least 20 ft. from the abutting property lines or the imaginary extension of those lines into the water.

10. No person undertaking any activity shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards in RSA 485-A and Env-Wq 1700.

11. This permit shall not preclude DES from initiating appropriate action if DES later determines that any of the structures depicted as "existing" on the plans submitted by or on behalf of the permitted were not previously permitted or grandfathered.

12. Rip-rap shall be located landward of the shoreline at the normal high water, and shall not extend more than 2 feet lakeward of that line at any point.

13. The permittee/permittee's contractor shall revegetate the disturbed area with trees, shrubs and ground covers representing the density and species diversity of the existing stand of vegetation removed for this project, exclusive of any invasive or nuisance species.

14. Within three days of final grading or temporary suspension of work in an area that is in or adjacent to wetlands or surface waters, all exposed soil areas shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tackifiers on slopes less than 3:1 or netting and pinning on slopes steeper than 3:1.

With Findings:

1. This is a minor impact project per Administrative Rule Env-Wt 303.03(d), alteration of docking structures providing 4 slips.
2. The need for the proposed impacts has been demonstrated by the applicant per Env-Wt 302.01.
3. The applicant has provided evidence which demonstrates that this proposal is the alternative with the least adverse impact to areas and environments under the department's jurisdiction per Env-Wt 302.03.
4. The applicant has demonstrated by plan and example that each factor listed in Env-Wt 302.04(a) Requirements for Application Evaluation, has been considered in the design of the project.
5. Due to shallow water conditions the docking structures will only provide 4 slips as defined per RSA 482-A:2, VIII.

2017-00985

UNIVERSITY OF NEW HAMPSHIRE

DURHAM OYSTER RIVER

Requested Action:

Dredge and fill a total of 6,887 square feet of wetlands and bank of the Oyster River for construct a new water treatment facility, including temporary impact of 490 square feet, and permanent impact of 6,397 square feet.

Conservation Commission/Staff Comments:

1/3/17 Per DHR, Adverse Effect. DHR requests consultation with the applicant and the ACOE to resolve adverse effect.
Per DHR, no adverse effects.

APPROVE PERMIT

Dredge and fill a total of 6,887 square feet of wetlands and bank of the Oyster River for construct a new water treatment facility, including temporary impact of 490 square feet, and permanent impact of 6,397 square feet.

With Conditions:

1. All work shall be in accordance with revised plans by Jones and Beach Engineers dated 6/8/2017, as received by the NH Department of Environmental Services ("DES") on 7/19/2017.
2. Any further alteration of areas on this property that are subject to RSA 482-A jurisdiction will require a new application and further permitting.
3. Any encounter with Blandings turtle, (see identification resource at: <http://www.wildlife.state.nh.us/nongame/turtles.html> <http://www.wildlife.state.nh.us/nongame/documents/blandings-turtles-brochure.pdf> shall be reported immediately to Kim Tuttle or Mike Marchand at NH Fish & Game Department ("NHFG") (Kim.Tuttle@wildlife.nh.gov or Michael Marchand@wildlife.nh.gov), for further instructions. The permittee shall follow the directions given by NHFG.
4. There shall be no use of welded plastic or any other form of erosion control "netting" or products containing such on the

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site.

5. There shall be no use of non-New England native seed stock for the planting plan. The seed stock used shall be the modified seed mix as specified in the April 3 -4 , 2017 email communications between Amy Lamb, NH Natural Heritage Bureau, and Paige Libbey, Jones & Beach Engineering.
6. Appropriate siltation and erosion controls shall be in place prior to construction, shall be maintained during construction, and shall remain until the area is stabilized. Temporary controls shall be removed once the area has been stabilized.
7. No person undertaking any activity shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards in RSA 485-A and Env-Wq 1700.
8. The contractor responsible for completion of the work shall use techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
9. Work shall be done during low flow.
10. Within three days of final grading or temporary suspension of work, all exposed soil areas shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tack on slopes steeper than 3:1.
11. Dredged material shall be placed outside of the jurisdiction of the DES Wetlands Bureau.

With Findings:

1. This is a minor impact project per Administrative Rule Env-Wt 303.03(h), projects involving less than 20,000 square feet of alteration in the aggregate in non-tidal wetlands or banks.
2. The need for the proposed impacts has been demonstrated by the applicant per Env-Wt 302.01. The project will replace an outdated water treatment plant with a new drinking water treatment facility.
3. The applicant has provided evidence which demonstrates that this proposal is the alternative with the least adverse impact to areas and environments under the department's jurisdiction per Env-Wt 302.03. The majority of the impact is confined to isolated wetlands.
4. The applicant has demonstrated by plan and example that each factor listed in Env-Wt 302.04(a) Requirements for Application Evaluation, has been considered in the design of the project. Recommendations relative to wildlife protections from NH Fish & Game Department and planting seed stock from NH Natural Heritage Bureau have been incorporated into the permit conditions.

2017-01455

FRENCH, PAUL

DUBLIN Unnamed Wetland

Requested Action:

Dredge and fill 5,058 square feet (SF) of palustrine forested wetland in order to construct a pond to enhance wildlife activity on private property.

Conservation Commission/Staff Comments:

6-6-17 - No historic properties affected per DHR.

APPROVE PERMIT

Dredge and fill 5,058 square feet (SF) of palustrine forested wetland in order to construct a pond to enhance wildlife activity on private property.

With Conditions:

1. All work shall be in accordance with plans by Monadnock Septic Design LLC dated April 07, 2017 as received by the NH Department of Environmental Services (DES) on May 23, 2017.
2. No person undertaking any activity shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards in RSA 485-A and Env-Wq 1700.
3. Not less than 5 state business days prior to starting work authorized by this permit, the permittee shall notify the DES Wetlands Program and the local conservation commission in writing of the date on which work under this permit is expected to start.
4. Any further alteration of areas on this property that are subject to RSA 482-A jurisdiction will require a new application

and further permitting.

5. Work shall be done during low flow and in the dry only.
6. Appropriate siltation, erosion and turbidity controls shall be in place prior to construction, shall be maintained during construction, and shall remain until the area is stabilized. Temporary controls shall be removed once the area has been stabilized.
7. Work shall be conducted in a manner so as to minimize turbidity and sedimentation to surface waters and wetlands.
8. All dredged and excavated material and construction-related debris shall be placed outside of the areas subject to RSA 482-A. Any spoil material deposited within 250 feet of any surface water shall comply with RSA-483-B.
9. The contractor responsible for completion of the work shall use techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
10. Erosion control products shall be installed per manufacturers recommended specifications.
11. Extreme precautions shall be taken within riparian areas to prevent unnecessary removal of vegetation during construction. Areas cleared of vegetation must be revegetated with like native species within three days of the completion of the disturbance.
12. Construction equipment shall be inspected daily for leaking fuel, oil, and hydraulic fluid prior to entering surface waters or wetlands or operating in an area where such fluids could reach groundwater, surface waters, or wetlands.
13. The permittee's contractor shall maintain appropriate oil/diesel fuel spill kits on site that are readily accessible at all times during construction, and shall train each operator in the use of the kits.
14. All refueling of equipment shall occur outside of surface waters or wetlands during construction. Machinery shall be staged and refueled in upland areas only.
15. Faulty equipment shall be repaired immediately prior to entering areas that are subject to RSA 482-A jurisdiction.
16. Within three days of final grading or temporary suspension of work in an area that is in or adjacent to wetlands or surface waters, all exposed soil areas shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tackifiers on slopes less than 3:1 or netting and pinning on slopes steeper than 3:1.
17. Where construction activities occur between November 30 and May 1, all exposed soil areas shall be stabilized within 1 day of establishing the grade that is final or that otherwise will exist for more than 5 days. Stabilization shall include placing 3 -inches of base course gravels, or loaming and mulching with tack or netting and pinning on slopes steeper than 3:1.
18. No person shall collect, transport, import, export, move, buy, sell, distribute, propagate or transplant any living and viable portion of any plant, which includes all of their cultivars and varieties listed in Table 3800.1 of the New Hampshire prohibited invasive species list (Agr 3802.01).
19. A post-construction narrative documenting the status of the completed project with photographs shall be submitted to the DES Wetlands Bureau (stefanie.giallongo@des.nh.gov) within sixty (60) days of the completion of construction.

With Findings:

1. This is a Minor Project per Administrative Rule Env-Wt 303.03(e), construction of a pond with less than 20,000 square feet of impact in a wetland, which includes impact to areas containing very-poorly drained soils.
2. There are no streams into or out of the proposed pond site, nor are there Prime Wetlands or any rare, threatened or endangered species identified in the project area.
3. The need for the proposed impacts has been demonstrated by the applicant per Env-Wt 302.01.
4. The applicant (home owner) has proposed to construct a pond to enhance wildlife activity and diversify wetland vegetation for the enjoyment of their property.
5. The applicant has provided evidence which demonstrates that this proposal is the alternative with the least adverse impact to areas and environments under the department's jurisdiction per Env-Wt 302.03.
6. The area of impact represents a fraction of a larger wetland system on (and extending adjacent to) the property.
7. The applicant has demonstrated by plan and example that each factor listed in Env-Wt 302.04(a) Requirements for Application Evaluation, has been considered in the design of the project.
8. No comments of concern were received by DES from abutters or local governing organizations.
9. The Natural Heritage Bureau (NHB) report submitted with the application package (NHB17-0680) stated that there are no recorded occurrences for sensitive species near this project area.

2017-01525

TOWN OF WASHINGTON

WASHINGTON

Requested Action:

Dredge and fill 8,420 square feet (SF) of palustrine forested wetland in order to expand the Town of Washington Fire Station building with associated parking and facilities.

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Conservation Commission/Staff Comments:

6-6-17 - No historic properties affected per DHR.

APPROVE PERMIT

Dredge and fill 8,420 square feet (SF) of palustrine forested wetland in order to expand the Town of Washington Fire Station building with associated parking and facilities.

With Conditions:

1. All work shall be in accordance with plans by A.C. Engineering and Consulting dated May 12, 2017, revised through May 19, 2017, and plans by Aspen Environmental Consultants LLC dated May 16, 2017, but received by the NH Department of Environmental Services (DES) on May 31, 2017.
2. If any work associated with the project authorized by this permit will encroach on an abutter's property or occur within 20 feet of the property line, then prior to starting work the permittee shall (1) obtain temporary construction easements or other written agreements from the owner of the abutting property, and (2) submit a copy of each agreement to the DES Wetlands Program.
3. Appropriate siltation, erosion and turbidity controls shall be in place prior to construction, shall be maintained during construction, and shall remain until the area is stabilized. Temporary controls shall be removed once the area has been stabilized.
4. Work shall be conducted in a manner so as to minimize turbidity and sedimentation to surface waters and wetlands.
5. The contractor responsible for completion of the work shall use techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
6. Erosion control products shall be installed per manufacturers recommended specifications.
7. All dredged and excavated material and construction-related debris shall be placed outside of the areas subject to RSA 482-A. Any spoil material deposited within 250 feet of any surface water shall comply with RSA-483-B.
8. Construction equipment shall be inspected daily for leaking fuel, oil, and hydraulic fluid prior to entering surface waters or wetlands or operating in an area where such fluids could reach groundwater, surface waters, or wetlands.
9. The permittee's contractor shall maintain appropriate oil/diesel fuel spill kits on site that are readily accessible at all times during construction, and shall train each operator in the use of the kits.
10. All refueling of equipment shall occur outside of surface waters or wetlands during construction. Machinery shall be staged and refueled in upland areas only.
11. Faulty equipment shall be repaired immediately prior to entering areas that are subject to RSA 482-A jurisdiction.
12. Within three days of final grading or temporary suspension of work in an area that is in or adjacent to wetlands or surface waters, all exposed soil areas shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tackifiers on slopes less than 3:1 or netting and pinning on slopes steeper than 3:1.
13. Where construction activities occur between November 30 and May 1, all exposed soil areas shall be stabilized within 1 day of establishing the grade that is final or that otherwise will exist for more than 5 days. Stabilization shall include placing 3 -inches of base course gravels, or loaming and mulching with tack or netting and pinning on slopes steeper than 3:1.
14. Extreme precautions shall be taken within the work area to prevent unnecessary removal of vegetation during construction.
15. Tree removal shall not occur during the months of June through July, during the pupping season for the protection of the northern long-eared bat.
16. Proper headwalls shall be constructed within seven days of culvert installation.
17. Area of temporary impact shall be regraded to original contours following completion of work.
18. No person shall collect, transport, import, export, move, buy, sell, distribute, propagate or transplant any living and viable portion of any plant, which includes all of their cultivars and varieties listed in Table 3800.1 of the New Hampshire prohibited invasive species list (Agr 3802.01).

With Findings:

1. This is a Minor Project per Administrative Rule Env-Wt 303.03(h), as it proposes to alter less than 20,000 square feet of nontidal wetland.
2. The need for the proposed impacts has been demonstrated by the applicant per Env-Wt 302.01.
3. The Town needs to expand their Fire Station to provide additional space for emergency vehicles, equipment and administration with associated parking and facilities.
4. The applicant has provided evidence which demonstrates that this proposal is the alternative with the least adverse

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impact to areas and environments under the department's jurisdiction per Env-Wt 302.03.

5. The proposed alternative avoids any direct impacts to the higher valued wetland resources on the site.
6. The applicant has demonstrated by plan and example that each factor listed in Env-Wt 302.04(a) Requirements for Application Evaluation, has been considered in the design of the project.
7. No comments of concern were received by DES from abutters or local governing agencies.
8. The Natural Heritage Bureau (NHB) report submitted with the application package stated that there are "no recorded occurrences for sensitive species near this project area".
9. In correspondence dated May 17, 2017, the abutting land owner (map/lot: 22/74) provided signed authorization for the project to occur within 20 feet of the shared property boundary.
10. In correspondence dated May 25, 2017, the Washington Conservation Commission provided recommendations on the project primarily with regard to tree clearing, time of year considerations to protect the Northern Long-Eared Bat and stormwater management.
11. The project design and the conditions set forth in this permit have addressed the Conservation Commission's recommendations.

2017-01773

MOORE, MARK

WOLFEBORO LAKE WINNIPESAUKEE

Requested Action:

Restore and stabilize an existing slope failure impacting 2,415 square feet (including 1,550 square feet of temporary impacts) within the bank of Lake Winnepesaukee. Work includes slope grading, installation of drainage enhancements, and restoration of an existing slope failure. The project also includes construction of a 180 square foot perched beach and an infiltration step access path.

Conservation Commission/Staff Comments:

Per DHR, no historic properties affected.

APPROVE PERMIT

Restore and stabilize an existing slope failure impacting 2,415 square feet (including 1,550 square feet of temporary impacts) within the bank of Lake Winnepesaukee. Work includes slope grading, installation of drainage enhancements, and restoration of an existing slope failure. The project also includes construction of a 180 square foot perched beach and an infiltration step access path.

With Conditions:

1. All work shall be in accordance with revised plans by Keach-Nordstrom Associates, Inc. dated January 17, 2017, and revised through June 12, 2017, as received by DES on June 29, 2017.
2. All development activities associated with this project shall be conducted in compliance with applicable requirements of RSA 483-B and N.H. Code Admin. Rules Env-Wq 1400 during and after construction.
3. No person undertaking any activity shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards in RSA 485-A and Env-Wq 1700.
4. Work authorized shall be carried out such that there are no discharges in or to spawning or nursery areas during spawning seasons. Impacts to such areas shall be avoided or minimized to the maximum extent practicable during all other times of the year.
5. Work shall be done during low flow and in the dry only.
6. Appropriate siltation and erosion controls shall be in place prior to construction, shall be maintained during construction, and shall remain until the area is stabilized. Temporary controls shall be removed once the area has been stabilized.
7. Appropriate turbidity controls shall be installed prior to construction, shall be maintained during construction such that no turbidity escapes the immediate dredge area and shall remain until suspended particles have settled and water at the work site has returned to normal clarity.
8. All dredged and excavated material and construction-related debris shall be placed outside of the areas subject to RSA 482-A. Any spoil material deposited within 250 feet of any surface water shall comply with RSA-483-B.
9. The contractor responsible for completion of the work shall use techniques described in the New Hampshire Stormwater

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Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).

10. A certified wetlands scientist or qualified professional, as applicable, shall monitor the project during construction to verify that all work is done in accordance with the approved plans and narratives, adequate siltation and erosion controls are properly implemented, and no water quality violations occur. A follow-up report including photographs of all stages of construction shall be submitted to the DES Wetlands Program within 60 days of final site stabilization.
11. Extreme precautions shall be taken within riparian areas to prevent unnecessary removal of vegetation during construction. Areas cleared of vegetation must be revegetated with like native species within three days of the completion of the disturbance.
12. Construction equipment shall be inspected daily for leaking fuel, oil, and hydraulic fluid prior to entering surface waters or wetlands or operating in an area where such fluids could reach groundwater, surface waters, or wetlands.
13. Faulty equipment shall be repaired immediately prior to entering areas that are subject to RSA 482-A jurisdiction.
14. The permittee's contractor shall maintain appropriate oil/diesel fuel spill kits on site that are readily accessible at all times during construction, and shall train each operator in the use of the kits.
15. All refueling of equipment shall occur outside of surface waters or wetlands during construction. Machinery shall be staged and refueled in upland areas only.
16. Any fill used shall be clean sand, gravel, rock, or other suitable material.
17. To prevent the introduction of invasive plant species to the site, the permittee's contractor(s) shall clean all soils and vegetation from construction equipment and matting before such equipment is moved to the site.
18. The permittee/permittee's contractor shall regrade temporary impacts to pre-construction conditions and plant native species similar to those within the wetland prior to impact. The permittee shall implement corrective measure promptly if needed to ensure the plantings survive.
19. Within three days of final grading or temporary suspension of work in an area that is in or adjacent to wetlands or surface waters, all exposed soil areas shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tackifiers on slopes less than 3:1 or netting and pinning on slopes steeper than 3:1.
20. Where construction activities occur between November 30 and May 1, all exposed soil areas shall be stabilized within 1 day of establishing the grade that is final or that otherwise will exist for more than 5 days. Stabilization shall include placing 3-inches of base course gravels, or loaming and mulching with tack or netting and pinning on slopes steeper than 3:1.
21. Bank stabilization or beach construction shall not extend land into the lake.
22. No more than 10 cubic yards of sand shall be used and all sand shall be located above the normal high water line.
23. The permittee shall provide appropriate diversion of surface water runoff to prevent erosion of beach area.
24. Within three days of final grading or temporary suspension of work in an area that is in or adjacent to wetlands or surface waters, all exposed soil areas shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tackifiers on slopes less than 3:1 or netting and pinning on slopes steeper than 3:1.

With Findings:

1. This is a Minor project per Administrative Rule Env-Wt 303.03 (a) Projects in any bank, flat, marsh, or swamp or in and adjacent to any waters of the state or within 100 feet of the highest observable tide line that do not meet any of the criteria of Env-Wt 303.02, Env-Wt 303.04 or Env-Wt 303.05.
2. The need for the proposed impacts has been demonstrated by the applicant per Env-Wt 302.01. The project is intended to restore and stabilize an area of slope failure, and to construct access with useable beach area to the waterfront.
3. A slope failure and resultant erosion and sediment transport had previously occurred on the property. The slope continues to be in failure and soil and vegetation have been carried to the lake. A previous application (2016-01141) was denied on February 21, 2017.
4. The applicant has provided evidence which demonstrates that this proposal is the alternative with the least adverse impact to areas and environments under the department's jurisdiction per Env-Wt 302.03. The project has been redesigned to reduce the height of the retaining wall adjacent to the lake to limit the reflective and radiant heat transfer to the water. The proposed footprint of disturbance has been decreased, and the inclusion of infiltration steps in the design will help limit surface runoff from entering the lake.
5. A site specific deep soil test pit was performed dated November 15, 2016. The report recommendation includes construction of an 18" wide and 36" deep stone curtain drain 5 to 10 feet landward of the top of bank with associated 6" perforated drainage pipe extending the width of the property to collect groundwater and direct to a stabilized outlet near the edge of the lake to reduce groundwater breakout and saturation of the slope. Additional grading was also proposed at the top of the bank to reduce channelization of surface flow over the bank with construction of infiltration steps to be constructed within the failed slope area and vegetative stabilization. The recommendations have been incorporated into the project design.
6. The Owner has an approval (2016-00909) to construct a staircase into the slope to access the waterfront on the southerly side of the property. In order to limit the impact to the slope, the area of permanent impact has been placed over the area of existing slope failure. The modification is designed to eliminate the impact to the slope on the southerly side of the lot and the proposed perched beach area has been reduced from 270 square feet to 180 square feet. The previously proposed 12 foot high concrete gravity block retaining wall has been replaced using a 5 foot poured in-place concrete wall with planting installation.

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7. The United States Department of the Interior, Fish & Wildlife Service, has reviewed the proposed letter and determined there are no critical habitats within the proposed project area per letter dated June 8, 2016.
8. The New Hampshire Natural Heritage Bureau has reviewed the proposed project and determined there are currently no recorded occurrences for sensitive species near the project area per letter dated June 6, 2016.
9. The New Hampshire Division of Historical Resources has reviewed the proposed project and determined there are no historic properties affected per letter dated April 25, 2016.

MINIMUM IMPACT PROJECT

2015-03411

GALLOWAY, MARK

FREEDOM OSSIPEE LAKE

Requested Action:

After-the-fact request to retain a retaining wall constructed without a permit, and repair the wall, on 3 consecutive 25 foot frontages for a total of 75 feet of retaining wall, on Ossipee Lake, Freedom.

DENY PERMIT-INSUFFICIENT & UNTIMELY RESP

After-the-fact request to retain a retaining wall constructed without a permit, and repair the wall, on 3 consecutive 25 foot frontages for a total of 75 feet of retaining wall, on Ossipee Lake, Freedom.

With Findings:

1. A request for additional information dated January 26, 2016, addressed to the applicant or agent of record, clearly identified the requirement that the applicant to submit additional information to DES within 60 days of the request.
2. Pursuant to RSA 482-A:3, XIV(a) (2), if the requested additional information is not received by DES within 60 days of the request, DES shall deny the application.
3. On November 07, 2016, the department approved an extension request from the agent to respond to the additional information dated January 26, 2016.
4. On February 17, 2017, the department provided an additional extension to the agent to respond to the original additional information dated January 26, 2016.
5. DES did not receive the requested additional information within the 60 days or the two extensions, and therefore the application has been denied.

2016-03170

HARVEY, DANIEL

EPPING Unnamed Wetland

Requested Action:

Proposal to fill 2,920 square feet of forested wetland and installation of a 12 inch x 26 foot long culvert to construct a driveway to serve a single-family residential lot on 4.25 acres.

APPROVE PERMIT

Fill 2,920 square feet of forested wetland and installation of a 12 inch x 26 foot long culvert to construct a driveway to serve a single-family residential lot on 4.25 acres.

07/17/2017 to 07/23/2017

With Conditions:

1. All work shall be in accordance with plans by Boudreau Land Surveying, PLLC, dated February 9, 2017 as received by the NH Department of Environmental Services (NHDES) on March 9, 2017.
2. This permit is not valid unless a septic system construction approval or other compliance with RSA 485-A:29-44 and Env-Wq 1000 is achieved.
3. No welded plastic or "biodegradable" erosion control netting shall be used on this site. Only "wildlife friendly" erosion control matting such as woven organic material (e.g. coco matting) shall be used on this site.
4. No person undertaking any activity shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards in RSA 485-A and Env-Wq 1700.
5. Appropriate siltation and erosion controls shall be in place prior to construction, shall be maintained during construction, and shall remain until the area is stabilized. Temporary controls shall be removed once the area has been stabilized.
6. The contractor responsible for completion of the work shall use techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
7. Extreme precautions shall be taken within riparian areas to prevent unnecessary removal of vegetation during construction. Areas cleared of vegetation must be revegetated with like native species within three days of the completion of the disturbance.
8. Construction equipment shall be inspected daily for leaking fuel, oil, and hydraulic fluid prior to entering surface waters or wetlands or operating in an area where such fluids could reach groundwater, surface waters, or wetlands.
9. The permittee's contractor shall maintain appropriate oil/diesel fuel spill kits on site that are readily accessible at all times during construction, and shall train each operator in the use of the kits.
10. All refueling of equipment shall occur outside of surface waters or wetlands during construction. Machinery shall be staged and refueled in upland areas only.
11. Within three days of final grading or temporary suspension of work in an area that is in or adjacent to wetlands or surface waters, all exposed soil areas shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tackifiers on slopes less than 3:1 or netting and pinning on slopes steeper than 3:1.

With Findings:

1. This is a minimum impact project per Administrative Rule Env-Wt 303.04(f), alteration of less than 3,000 square feet in swamps and wet meadows.
2. The need for the proposed impacts has been demonstrated by the applicant per Env-Wt 302.01. The applicant has demonstrated that wetland impact is necessary to access buildable uplands.
3. The applicant has provided evidence which demonstrates that this proposal is the alternative with the least adverse impact to areas and environments under the department's jurisdiction per Env-Wt 302.03. An alternative was investigated for constructing the dwelling within a small upland area on another portion of the property, but it was determined that it does not meet NHDES Subsurface requirements.
4. The applicant has demonstrated by plan and example that each factor listed in Env-Wt 302.04(b) Requirements for Application Evaluation, has been considered in the design of the project.
5. The NH Natural Heritage Bureau (NHB) has record of sensitive species present within the vicinity of the project area. The applicant coordinated with both NHB and NH Fish and Game Department to minimize impacts to the species.
6. The Lamprey Rivers Advisory Committee (LRAC) reviewed the project and provided comments to NHDES in a letter dated January 6, 2017. The applicant addressed LRAC's concerns.
7. The Epping Conservation Commission signed the NHDES application and has no objection to permitting the proposed work.

2017-01251

EDWARDS, CLAUDETTE/KENNETH

NEW DURHAM MERRYMEETING LAKE

Requested Action:

Impact 311 square feet of bank along 32 feet of shoreline to construct a 200 square foot perched beach, 6 foot wide steps to the water to the east of the beach, and a 6 ft. wide walkway to an existing 6 ft. x 30 ft. seasonal pier, remove 20 square feet of existing walkway, and restore vegetation within the area of removal on an average of 103 feet of frontage along Merrymeeting Lake in New Durham.

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Conservation Commission/Staff Comments:
6-7-17 - No historic properties affected per DHR.

APPROVE PERMIT

Impact 311 square feet of bank along 32 feet of shoreline to construct a 200 square foot perched beach, 6 foot wide steps to the water to the east of the beach, and a 6 ft. wide walkway to an existing 6 ft. x 30 ft. seasonal pier, remove 20 square feet of existing walkway, and restore vegetation within the area of removal on an average of 103 feet of frontage along Merrymeeting Lake in New Durham.

With Conditions:

1. All work shall be in accordance with plans by Varney Engineering LLC dated April 25, 2017 received by the NH Department of Environmental Services (DES) on May 4, 2017.
2. All development activities associated with this project shall be conducted in compliance with applicable requirements of RSA 483-B and N.H. Code of Administrative Rules Env-Wq 1400 during and after construction.
3. This permit does not authorize the removal of trees or saplings within the waterfront buffer.
4. Work shall be carried out in a time and manner to avoid disturbances to migratory waterfowl breeding and nesting areas.
5. Appropriate siltation and erosion controls shall be in place prior to construction, shall be maintained during construction, and shall remain until the area is stabilized. Temporary controls shall be removed once the area has been stabilized.
6. Appropriate turbidity controls shall be installed prior to construction, shall be maintained during construction such that no turbidity escapes the immediate dredge area and shall remain until suspended particles have settled and water at the work site has returned to normal clarity.
7. All excavated material and construction-related debris shall be placed outside of the areas subject to RSA 482-A. Any spoil material deposited within 250 feet of any surface water shall comply with RSA-483-B.
8. The contractor responsible for completion of the work shall use techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
9. Stone placed along the beach front for the purpose of retaining sand shall be placed above and landward of those rocks currently located along the normal high water line (Elevation 648.44). The rocks existing at the normal high water line shall remain undisturbed such that the natural shoreline remains visible and intact.
10. The steps installed in the area between the beach and pier for access to the water shall be located completely landward of the normal high water line.
11. No more than 10 cubic yards of sand shall be used and all sand shall be located above the normal high water line.
12. The permittee shall provide appropriate diversion of surface water runoff to prevent erosion of beach area.
13. Within three days of final grading or temporary suspension of work in an area that is in or adjacent to wetlands or surface waters, all exposed soil areas shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tackifiers on slopes less than 3:1 or netting and pinning on slopes steeper than 3:1.
14. A combination of trees, shrubs and ground covers representing the density and species diversity of the vegetation present prior to construction shall be replanted beginning at a distance no greater than 5 feet landward from the beach area.

With Findings:

1. This is a minimum impact project per Administrative Rule Env-Wt 303.04(d), for the construction of a beach completely above the high water line for a privately-owned single family residence.
2. The need for the proposed impacts has been demonstrated by the applicant per Env-Wt 302.01.
3. The applicant has provided evidence which demonstrates that this proposal is the alternative with the least adverse impact to areas and environments under the department's jurisdiction per Env-Wt 302.03.
4. The applicant has demonstrated by plan and example that each factor listed in Env-Wt 302.04(b) Requirements for Application Evaluation, has been considered in the design of the project.

2017-01346

LAMBI, ERIC/MICHELLE

HOLDERNESS SQUAM LAKE

Requested Action:

Impact 42 square feet of bank in order to construct 6 foot wide beach access steps and replenish a 1,425 square foot beach with not more than 10 cubic yards of sand on an average of 338 feet of frontage along Squam Lake in Holderness.

07/17/2017 to 07/23/2017

Conservation Commission/Staff Comments:
5-18-17 - Additional information needed per DHR.

APPROVE PERMIT

Impact 42 square feet of bank in order to construct 6 foot wide beach access steps and replenish a 1,425 square foot beach with not more than 10 cubic yards of sand on an average of 338 feet of frontage along Squam Lake in Holderness.

With Conditions:

1. All work shall be in accordance with plans by Stephens Landscaping Professionals, LLC dated May 3, 2017, as received by DES on May 12, 2017.
2. All development activities associated with this project shall be conducted in compliance with applicable requirements of RSA 483-B and N.H. Code of Administrative Rules Env-Wq 1400 during and after construction.
3. Work shall be carried out in a time and manner to avoid disturbances to migratory waterfowl breeding and nesting areas.
4. Appropriate siltation and erosion controls shall be in place prior to construction, shall be maintained during construction, and shall remain until the area is stabilized. Temporary controls shall be removed once the area has been stabilized.
5. All excavated material and construction-related debris shall be placed outside of the areas subject to RSA 482-A. Any spoil material deposited within 250 feet of any surface water shall comply with RSA-483-B.
6. The contractor responsible for completion of the work shall use techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
7. No more than 10 cubic yards of sand shall be used and all sand shall be located above the normal high water line.
8. This permit authorizes a single beach replenishment only. Any future beach replenishment shall require a new permit.
9. The permittee shall provide appropriate diversion of surface water runoff to prevent erosion of beach area.
10. Within three days of final grading or temporary suspension of work in an area that is in or adjacent to wetlands or surface waters, all exposed soil areas shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tackifiers on slopes less than 3:1 or netting and pinning on slopes steeper than 3:1.

With Findings:

1. This is a minimum impact project per Administrative Rule Env-Wt 303.04 (aa), replenishment of not more than 10 cubic yards of sand on an existing beach, where no sand shall be placed below the high water line or full pond elevation, and beach replenishment has not exceeded the limit of one replenishment in any 6 year period.
2. The need for the proposed impacts has been demonstrated by the applicant per Env-Wt 302.01.
3. The applicant has provided evidence which demonstrates that this proposal is the alternative with the least adverse impact to areas and environments under the department's jurisdiction per Env-Wt 302.03.
4. The applicant has demonstrated by plan and example that each factor listed in Env-Wt 302.04(b) Requirements for Application Evaluation, has been considered in the design of the project.

2017-01365

PATRICIAN SHORES ASSOC COMMON

MEREDITH LAKE WINNIPESAUKEE

Requested Action:

Replace 22 tie-off pilings in kind, remove existing pier support piling, and drive 50 piling to support an existing 44-slip community docking facility on an average of 510 feet of frontage along Lake Winnepesaukee in Meredith.

APPROVE PERMIT

Replace 22 tie-off pilings in kind, remove existing pier support piling, and drive 50 piling to support an existing 44-slip community docking facility on an average of 510 feet of frontage along Lake Winnepesaukee in Meredith.

07/17/2017 to 07/23/2017

With Conditions:

1. All work shall be in accordance with plans by Winnepesaukee Marine Construction dated May 15, 2017, as received by DES on May 16, 2017.
2. This permit is not valid and effective until it has been recorded with the appropriate county Registry of Deeds by the applicant. Prior to starting work under this permit, the permittee shall submit a copy of the recorded permit to the DES Wetlands Program by certified mail, return receipt requested.
3. All development activities associated with this project shall be conducted in compliance with applicable requirements of RSA 483-B and N.H. Code of Administrative Rules Env-Wq 1400 during and after construction.
4. Work shall be carried out in a time and manner to avoid disturbances to migratory waterfowl breeding and nesting areas.
5. Appropriate turbidity controls shall be installed prior to construction, shall be maintained during construction such that no turbidity escapes the immediate dredge area and shall remain until suspended particles have settled and water at the work site has returned to normal clarity.
6. Only those structures shown on the approved plans shall be installed or constructed along this frontage. All portions of the structures shall be at least 20 feet from the abutting property lines or the imaginary extension of those lines into the water.
7. The repairs shall maintain the size, location, and configuration of the pre-existing dock surfaces.
8. All construction-related debris shall be placed outside of areas subject to RSA 482-A jurisdiction.
9. This permit does not allow dredging for any purpose.
10. The permittee may make repairs to the permitted structures as necessary, prior to the permit expiration date, provided that prior to performing any repair the permittee notifies the DES Wetlands Program and the Conservation Commission, in writing, of the proposed start and completion dates.

With Findings:

1. This project is deemed minimum impact by the department based on the degree of environmental impact per Administrative Rule Env-Wt 303.04(o).
2. The need for the proposed impacts has been demonstrated by the applicant per Env-Wt 302.01.
3. The applicant has provided evidence which demonstrates that this proposal is the alternative with the least adverse impact to areas and environments under the department's jurisdiction per Env-Wt 302.03.
4. The applicant has demonstrated by plan and example that each factor listed in Env-Wt 302.04(b) Requirements for Application Evaluation, has been considered in the design of the project.
5. The increase in the number of support pilings will allow the piling bents to be spaced 12 feet apart as measured from piling center to piling center in accordance with Rule Env-Wt 402.06 and will not increase or alter the footprint of the structures.

2017-01794

MERCIER, BRIAN & CARL

MILLSFIELD MILLSFIELD POND

Requested Action:

Dredge and fill approximately 1,548 square feet of palustrine emergent wetland to repair the foundation of an existing camp and temporarily impact an additional 890 square feet for equipment access.

APPROVE PERMIT

Dredge and fill approximately 1,548 square feet of palustrine emergent wetland to repair the foundation of an existing camp and temporarily impact an additional 890 square feet for equipment access.

With Conditions:

1. All work shall be in accordance with plans by Brian Mercier, as received by the NH Department of Environmental Services (DES) on June 21, 2017.
2. All development activities associated with this project shall be conducted in compliance with applicable requirements of RSA 483-B and NH Code Administrative Rules Env-Wq 1400 during and after construction.
3. If any work associated with the project authorized by this permit will encroach on an abutter's property or occur within 20 feet of the property line, then prior to starting work the permittee shall (1) obtain temporary construction easements or other

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written agreements from the owner of the abutting property, and (2) submit a copy of each agreement to the DES Wetlands Program.

4. Appropriate siltation and erosion controls shall be in place prior to construction, shall be maintained during construction, and shall remain until the area is stabilized. Temporary controls shall be removed once the area has been stabilized.
5. Work shall be conducted in a manner so as to minimize turbidity and sedimentation to surface waters and wetlands.
6. The contractor responsible for completion of the work shall use techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
7. Erosion control products shall be installed per manufacturers recommended specifications.
8. Construction equipment shall be inspected daily for leaking fuel, oil, and hydraulic fluid prior to entering surface waters or wetlands or operating in an area where such fluids could reach groundwater, surface waters, or wetlands.
9. The permittee's contractor shall maintain appropriate oil/diesel fuel spill kits on site that are readily accessible at all times during construction, and shall train each operator in the use of the kits.
10. All refueling of equipment shall occur outside of surface waters or wetlands during construction. Machinery shall be staged and refueled in upland areas only.
11. Faulty equipment shall be repaired immediately prior to entering areas that are subject to RSA 482-A jurisdiction.

With Findings:

1. This project is classified as a Minimum Impact Project per NH Administrative Rule Env-Wt 303.04(x), as the project proposes to repair and maintain an existing residential building.
2. The need for the proposed impacts has been demonstrated by the applicant per Rule Env-Wt 302.01.
3. The applicant has provided evidence which demonstrates that this proposal is the alternative with the least adverse impact to areas and environments under the department's jurisdiction per Rule Env-Wt 302.03.
4. The applicant has demonstrated by plan and example that each factor listed in Rule Env-Wt 302.04(b) Requirements for Application Evaluation, has been considered in the design of the project.

EXPEDITED MINIMUM

2017-01731

KEYPOINT PARTNERS LLC

NEWINGTON

Requested Action:

Dredge and fill 405 square feet of wet meadow wetland for drainage improvements associated with the redevelopment of an existing commercial property.

Conservation Commission/Staff Comments:

6/23/17 - No historic properties affected per DHR.

APPROVE PERMIT

Dredge and fill 405 square feet of wet meadow wetland for drainage improvements associated with the redevelopment of an existing commercial property.

With Conditions:

1. All work shall be in accordance with plans by RJ O'Connell Associates Inc. dated 6/2/2017, and per materials by Lucas Environmental dated 7/19/2017, as received by the NH Department of Environmental Services (NHDES) on 6/16/2017 and 7/19/2017, respectively.
2. Any further alteration of areas on this property that are subject to RSA 482-A jurisdiction will require a new application and further permitting.
3. Appropriate siltation and erosion controls shall be in place prior to construction, shall be maintained during construction, and shall remain until the area is stabilized. Temporary controls shall be removed once the area has been stabilized. Within three days of final grading or temporary suspension of work, all exposed soil areas shall be stabilized by seeding and

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- mulching during the growing season, or if not within the growing season, by mulching with tack on slopes steeper than 3:1.
4. The contractor responsible for completion of the work shall use techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
 5. Work shall be done during low flow and in the dry only.
 6. Dredged materials shall be disposed of outside of areas subject to RSA 482-A jurisdiction

With Findings:

1. This is a minimum impact project per Administrative Rule Env-Wt 303.04 (f) Projects involving alteration of less than 3,000 square feet in swamps or wet meadows.
2. The need for the proposed impacts has been demonstrated by the applicant per Env-Wt 302.01. The project represents necessary drainage and site improvements associated with redevelopment of an existing commercial development in an urbanized setting.
3. The applicant has provided evidence which demonstrates that this proposal is the alternative with the least adverse impact to areas and environments under the department's jurisdiction per Env-Wt 302.03. The larger area of the adjacent wetland will not be impacted.
4. The applicant has demonstrated by plan and example that each factor listed in Env-Wt 302.04(b) Requirements for Application Evaluation, has been considered in the design of the project. Although the NH Natural Heritage Bureau reports a species of concern in the area, impacts are not expected as a result of the project.

2017-01734

NEW STYLE HOMES INC

MILTON Unnamed Wetland

Requested Action:

Dredge and fill a total of 1,230 square feet of wetlands in two locations for construction of a driveway to a single family residence, including 200 square feet of impact to replace in-kind of an existing 15" x 20' long culvert at the roadside; and 600 square feet of impact to install two 12" x 20' long culverts, and 230 square feet of associated temporary impact for construction access.

APPROVE PERMIT

Dredge and fill a total of 1,230 square feet of wetlands in two locations for construction of a driveway to a single family residence, including 200 square feet of impact to replace in-kind of an existing 15" x 20' long culvert at the roadside; and 600 square feet of impact to install two 12" x 20' long culverts, and 230 square feet of associated temporary impact for construction access.

With Conditions:

1. All work shall be in accordance with plans by Norway Plains Associates dated June 2017, as received by the NH Department of Environmental Services (DES) on 6/16/2017.
2. This permit is not valid unless a septic system construction approval or other compliance with RSA 485-A:29-44 and Env-Wq 1000 is achieved.
3. Any further alteration of areas on this property that are subject to RSA 482-A jurisdiction will require a new application and further permitting.
4. No person undertaking any activity shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards in RSA 485-A and Env-Wq 1700.
5. Work shall be done during low flow and in the dry only.
6. Appropriate siltation and erosion controls shall be in place prior to construction, shall be maintained during construction, and shall remain until the area is stabilized. Temporary controls shall be removed once the area has been stabilized.
7. Within three days of final grading or temporary suspension of work, all exposed soil areas shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tack or netting and pinning on slopes steeper than 3:1.
8. The contractor responsible for completion of the work shall use techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
9. Dredged materials shall be disposed of outside of areas subject to RSA 482-A jurisdiction

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With Findings:

1. This is a minimum impact project per Administrative Rule Env-Wt 303.04 (z) installation of a stream crossing and associated fill to permit vehicular access to a piece of property for a single family building lot.
2. The need for the proposed impacts has been demonstrated by the applicant per Env-Wt 302.01. It is necessary to cross wetlands at some point on the lot to reach buildable uplands.
3. The applicant has provided evidence which demonstrates that this proposal is the alternative with the least adverse impact to areas and environments under the department's jurisdiction per Env-Wt 302.03, by crossing at a narrow point in the wetland.
4. The applicant has demonstrated by plan and example that each factor listed in Env-Wt 302.04(b) Requirements for Application Evaluation, has been considered in the design of the project. There were no species of concern reported by the NH Natural Heritage Bureau occurring in the project vicinity.
5. The Milton Conservation Commission signed the expedited application.

2017-01830

26 PASTURE ROAD TRUST

SANDWICH FARM POND

Requested Action:

Dredge 9,140 square feet within an existing farm pond to increase the depth and water storage.

APPROVE PERMIT

Dredge 9,140 square feet within an existing farm pond to increase the depth and water storage.

With Conditions:

1. All work shall be in accordance with plans by Hambrook Land Surveying dated December 2016, as received by the NH Department of Environmental Services (DES) on June 23, 2017.
2. Appropriate siltation and erosion controls shall be in place prior to construction, shall be maintained during construction, and shall remain until the area is stabilized. Temporary controls shall be removed once the area has been stabilized.
3. Work shall be conducted in a manner so as to minimize turbidity and sedimentation to surface waters and wetlands.
4. There shall be no impacts to the stream bed or banks.
5. Discharge from dewatering of work areas shall be to sediment basins that are: a) located in uplands; b) lined with hay bales or other acceptable sediment trapping liners; c) set back as far as possible from wetlands and surface waters, with a preferred undisturbed vegetated buffer of at least 50 feet and a minimum undisturbed vegetative buffer of 20 feet.
6. All dredged and excavated material and construction-related debris shall be placed outside of the areas subject to RSA 482-A. Any spoil material deposited within 250 feet of any surface water shall comply with RSA-483-B.
7. The contractor responsible for completion of the work shall use techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
8. Erosion control products shall be installed per manufacturers recommended specifications.
9. Construction equipment shall be inspected daily for leaking fuel, oil, and hydraulic fluid prior to entering surface waters or wetlands or operating in an area where such fluids could reach groundwater, surface waters, or wetlands.
10. The permittee's contractor shall maintain appropriate oil/diesel fuel spill kits on site that are readily accessible at all times during construction, and shall train each operator in the use of the kits.
11. All refueling of equipment shall occur outside of surface waters or wetlands during construction. Machinery shall be staged and refueled in upland areas only.
12. Faulty equipment shall be repaired immediately prior to entering areas that are subject to RSA 482-A jurisdiction.
13. A certified wetlands scientist or qualified professional, as applicable, shall monitor the project during construction to verify that all work is done in accordance with the approved plans and narratives, adequate siltation and erosion controls are properly implemented, and no water quality violations occur. A follow-up report including photographs of all stages of construction shall be submitted to the DES Wetlands Program within 60 days of final site stabilization.

With Findings:

1. This project is classified as a Minimum Impact Project per Administrative Rule Env-Wt 303.04(k), as wetland impacts are less than 20,000 square feet within an existing man-made pond.
2. The need for the proposed impacts has been demonstrated by the applicant per Env-Wt 302.01.
3. The applicant has provided evidence which demonstrates that this proposal is the alternative with the least adverse impact to areas and environments under the department's jurisdiction per Env-Wt 302.03.
4. The applicant has demonstrated by plan and example that each factor listed in Env-Wt 302.04(b) Requirements for Application Evaluation, has been considered in the design of the project.

PERMIT BY NOTIFICATION

2017-01506

FREEMAN FAMILY REVOCABLE TRUST,

STRAFFORD BOW LAKE

Requested Action:

Remove a damaged 4 ft. x 19 ft. seasonal and install a 6 ft. x 24 ft. dock with a 6 ft. x 8 ft. "L" adjacent to an existing 6 ft. x 19 ft. wharf along frontage on Bow Lake in Strafford.

PBN IS COMPLETE

Remove a damaged 4 ft. x 19 ft. seasonal and install a 6 ft. x 24 ft. dock with a 6 ft. x 8 ft. "L" adjacent to an existing 6 ft. x 19 ft. wharf along frontage on Bow Lake in Strafford.

With Findings:

1. This is a minimum impact project per Administrative Rule Env-Wt 303.04(a).
2. The water depths submitted show that the structures will not provide more than 2 slips on the frontage.

2017-01896

MURRAY, DANIEL & VIRGINIA

MEREDITH LAKE WINNIPESAUKEE

Requested Action:

Repair in-kind the existing retaining wall not to exceed 111 ft. X 1.5 ft. X 3 ft. (166 square feet) during draw down and replenish the existing beach area with no more than 4 cubic yards of clean sand according to plans by Stephens Landscaping Professionals, LLC dated June 19, 2017 along frontage on Lake Winnepesaukee in Meredith.

PBN IS COMPLETE

Repair in-kind the existing retaining wall not to exceed 111 ft. X 1.5 ft. X 3 ft. (166 square feet) during draw down and replenish the existing beach area with no more than 4 cubic yards of clean sand according to plans by Stephens Landscaping Professionals, LLC dated June 19, 2017 along frontage on Lake Winnepesaukee in Meredith.

2017-01918

EDDY, WILLIAM & PHYLLIS

MEREDITH LAKE WINNIPESAUKEE

Requested Action:

Repair in kind of the 6 ft. X 32 ft. wood dock and the six pilings according to plans received by NHDES on June 30, 2017 along frontage on Lake Winnepesaukee in Meredith.

PBN IS COMPLETE

Repair in kind of the 6 ft. X 32 ft. wood dock and the six pilings according to plans received by NHDES on June 30, 2017 along frontage on Lake Winnepesaukee in Meredith.

2017-02031

BKM REALTY HOLDINGS LLC

CENTER HARBOR Unnamed Wetland

Requested Action:

Install 2 24" CPPs in poorly drained soils to access the only buildable portion of the lot suitable for the 2 bedroom dwelling unit; on the existing 'woods road' crossing. Work shall begin as soon as reasonably possible.

FORESTRY NOTIFICATION

2017-02098

BEAR BEE LLC

BROOKFIELD Unnamed Stream

Requested Action:

Brookfield, Tax Map #45, Lot #4

2017-02099

BEAR BEE LLC

SURRY Unnamed Stream

Requested Action:

Surry, Tax Map #1, Lot #20

2017-02121

ROBERT TAFT FAMILY TRUST 2010

PETERBOROUGH Unnamed Stream

Requested Action:

Forestry (Peterborough Tax Map # R001, Lot # 023-006)

COMPLETE NOTIFICATION

Forestry (Peterborough Tax Map # R001, Lot # 023-006)

2017-02123

GREEN ACRE WOODLANDS INC

HEBRON Unnamed Stream

Requested Action:

Forestry (Hebron Tax Map # 10, Lot # 1)

COMPLETE NOTIFICATION

Forestry (Hebron Tax Map # 10, Lot # 1)

2017-02142

KOCH, CHARLES

WINCHESTER Unnamed Stream

Requested Action:

Forestry (Winchester, Tax Map # 15, Lot # 1)

COMPLETE NOTIFICATION

Forestry (Winchester, Tax Map # 15, Lot # 1)

2017-02152

NALEFSKI, PAMELA

LYNDEBOROUGH Unnamed Stream

Requested Action:

Lyndeborough, Tax Map # 211 Lot #1,2,3 Tax Map #206 Lot# 4

COMPLETE NOTIFICATION

Lyndeborough, Tax Map # 211 Lot #1,2,3 Tax Map #206 Lot# 4

GOLD DREDGE

2017-02144

LIEB, JEFFREY

(ALL TOWNS) Unnamed Stream

Requested Action:

Gold Dredge

SHORELAND PERMIT

2017-01057

NEW HAUL PROPERTIES LLC

ROCHESTER COCHECO RIVER

Requested Action:

Proposal to impact a total of 90,707 square feet of Protected Shoreland to replace twenty (20) existing modular home units with new units, removal and replacement of sheds, construct new walkways, construct new parking areas and stormwater improvements. This project is Phase I of a multi-phase project.

APPROVE PERMIT

Impact a total of 90,707 square feet of Protected Shoreland to replace twenty (20) existing modular home units with new units, removal and replacement of sheds, construct new walkways, construct new parking areas and stormwater improvements. This project is Phase I of a multi-phase project.

With Conditions:

1. All work shall be in accordance with plans by Norway Plains Associates, Inc. dated October 2016 and received by the NH Department of Environmental Services (NHDES) on June 7, 2017.
2. This project is Phase I of a multi-phase project. Subsequent phases shall require a new application and compliance with RSA 483-B at the time of filing.
3. This permit is not valid unless NHDES Subsurface approval or other compliance with RSA 485-A:29-44 and Env-Wq 1000 is achieved.
4. This permit is not valid unless an NHDES Alteration of Terrain permit or other method of compliance with RSA 485-A:17 and Env-Wq 1500 is achieved.
5. The permittee shall schedule a pre-construction meeting with NHDES Land Resources Management Program staff to

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occur at least 48 hours prior to the start of any work authorized by this permit to review the conditions of this Shoreland permit and the Alteration of Terrain permit. The meeting may be held on-site or at the NHDES offices or the Pease International Tradeport. The meeting shall be attended by the permittee, his/her professional engineer(s), wetlands scientist(s), and the contractor(s) responsible for performing the work.

6. The proposed stormwater management improvements shall be constructed prior to or concurrent with construction of the new units.

7. The proposed stormwater management improvements shall be properly constructed, managed, and monitored in accordance with plans by Norway Plains Associates, Inc. dated October 2016 and received by the NHDES on June 7, 2017.

8. A NH Professional Engineer or NH certified wetland scientist shall supervise construction of stormwater management improvements.

9. A qualified professional shall submit erosion/sediment control and stormwater management monitoring reports to NHDES during construction to ensure compliance with this approval. Submittal of the EPA Stormwater Pollution Prevention Plan inspection reports are acceptable.

10. This permit does not authorize the removal of trees or saplings within the waterfront buffer that would result in a tree and sapling point score below the minimum required per RSA 483-B:9, V(a)(2)(D)(iv).

11. No more than 21.35% of the area within the protected shoreland shall be covered by impervious surfaces unless additional approval is obtained from NHDES.

12. Erosion and siltation control measures shall be installed prior to the start of work, be maintained throughout the project, and remain in place until all disturbed surfaces are stabilized.

13. Erosion and siltation controls shall be appropriate to the size and nature of the project and to the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to wetlands or surface waters.

14. No person undertaking any activity in the protected shoreland shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards established in Env-Ws 1700 or successor rules in Env-Wq 1700.

15. Any fill used shall be clean sand, gravel, rock or other suitable material.

16. Orange construction fencing shall be placed at the limits of the temporary impact areas as shown on the approved plan in order to prevent accidental encroachment into areas in which impacts have not been approved.

17. No impacts to natural ground cover shall occur within the waterfront buffer.

18. Within three days of final grading or temporary suspension of work in an area that is in or adjacent to wetlands or surface waters, all exposed soil areas shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tack or netting and pinning on slopes steeper than 3:1.

19. The individual responsible for completion of the work shall utilize techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).

20. This permit shall not be interpreted as acceptance or approval of any impact that will occur within wetlands jurisdiction regulated under RSA 482-A including all wetlands, surface waters and their banks. The owner is responsible for maintaining compliance with RSA 482-A and Administrative Rules Env-Wt 100 - 900 and obtaining any Wetland Impact Permit that may be required prior to construction, excavation or fill that will occur within Wetlands jurisdiction.

21. This permit shall not preclude NHDES from taking any enforcement or revocation action if DES later determines that any of the structures depicted as "existing" on the plans submitted by the applicant were not previously permitted or grandfathered.

With Findings:

1. The property is an existing mobile home park consisting of approximately 50.4 acres with 23.6 acres within the protected shoreland along 6,570 linear feet of frontage along the Cocheco River.

2. The applicant has developed a comprehensive plan to conduct multi-phase improvements on the property. The current proposal is Phase I.

3. In accordance with RSA 483-B:11, II, the commissioner shall review proposals which are more nearly conforming than the existing structures, and may waive some of the standards specified in RSA 483-B:9, so long as there is at least the same degree of protection provided to the public waters and the proposal is "more nearly conforming."

4. The existing impervious area within the protected shoreland is 22.71% and the post-construction impervious area is 22.35%, a reduction of 1.36% impervious area within the protected shoreland.

5. The applicant has proposed several overall stormwater improvements on the property to be implemented in phases. Phase I stormwater and drainage improvements consists of removal and replacement of catch basins, replacement of culverts, installation of plunge pools at outlets, construction of vegetated swales and level spreaders, directing stormwater via gutters to dry wells and infiltration trenches, construction of rain gardens and water bars.

6. The applicant has proposed to install new NHDES Subsurface Bureau approved wastewater treatment systems for the units.

7. The applicant has proposed to install stormwater controls, reduce impervious surface coverage within the protected shoreland, moving structures further back from the reference line, and therefore, meets the requirements for a waiver of RSA 483-B:9 as described in RSA 483-B: 11, I.

8. NH Natural Heritage Bureau (NHB) has record of sensitive species within the project area. The applicant coordinated with

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NHB and it was determined that the species will not likely be impacted by the project.
9. The Cocheco River Local Advisory Committee did not submit comments to NHDES.

2017-01486

SCIOLA, ANTHONY

ALTON LAKE WINNIPESAUKEE

Requested Action:

Impact 2,614 square feet (SF) of protected shoreland in order to demolish existing cottage and rebuild in a slightly larger footprint. Driveway is to be expanded. A catch basin and drip edges are to be installed. Stairs, retaining wall and swale are to be added.

APPROVE PERMIT

Impact 2,614 square feet (SF) of protected shoreland in order to demolish existing cottage and rebuild in a slightly larger footprint. Driveway is to be expanded. A catch basin and drip edges are to be installed. Stairs, retaining wall and swale are to be added.

With Conditions:

1. All work shall be in accordance with plans by Varney Engineering dated June 30, 2017 and received by the NH Department of Environmental Services (DES) on July 6, 2017.
2. Orange construction fencing shall be installed at the limits of the temporary impact area as shown on the approved plans prior to the start of work and shall be maintained throughout the project in order to prevent accidental encroachment into areas in which impacts have not been approved.
3. No more than 32.5% of the area of the lot within the protected shoreland shall be covered by impervious surfaces unless additional approval is obtained from DES.
4. Native vegetation within an area of at least 295 SF within the Natural Woodland Buffer located between 50 and 150 feet landward of the reference line shall be retained in an unaltered state in order to comply with RSA 483-B:9, V, (b), (2).
5. Erosion and siltation control measures shall be installed prior to the start of work, be maintained throughout the project, and remain in place until all disturbed surfaces are stabilized.
6. Erosion and siltation controls shall be appropriate to the size and nature of the project and to the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to wetlands or surface waters.
7. No person undertaking any activity in the protected shoreland shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards established in Env-Wq 1700.
8. Any fill used shall be clean sand, gravel, rock, or other suitable material.
9. The proposed (stormwater management structures) shall be installed and maintained to effectively absorb and infiltrate stormwater.
10. Photographs documenting the construction of the proposed (stormwater management structures) shall be submitted to the Department prior to any party taking up occupancy of the new residential primary structure.
11. The individual responsible for completion of the work shall utilize techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
12. This permit shall not preclude DES from taking any enforcement or revocation action if DES later determines that any of the structures depicted as "existing" on the plans submitted by the applicant were not previously permitted or grandfathered.

2017-01767

THE MOTHER CHURCH

MOULTONBOROUGH LAKE WINNIPESAUKEE

Requested Action:

Impact 12,623 square feet (SF) of protected shoreland in order to construction of a single-family structure, twelve-foot driveway and a septic system. An existing 24 inch CMP culvert will be replaced with a 24inch CPP culvert under a Wetlands Permit.

07/17/2017 to 07/23/2017

Conservation Commission/Staff Comments:

This site may have a wetlands violation. Do not issue permit - please see Jay Aube.

APPROVE PERMIT

Impact 12,623 square feet (SF) of protected shoreland in order to construction of a single-family structure, twelve-foot driveway and a septic system. An existing 24 inch CMP culvert will be replaced with a 24inch CPP culvert under a Wetlands Permit.

With Conditions:

1. All work shall be in accordance with plans by Norway Plains Associates, Inc. dated June 2017 and received by the NH Department of Environmental Services (DES) on June 19, 2017.
2. Neither the new primary structure nor the proposed septic system may be constructed until the system is approved by the DES Subsurface Systems Bureau.
3. Orange construction fencing shall be installed at the limits of the temporary impact area as shown on the approved plans prior to the start of work and shall be maintained throughout the project in order to prevent accidental encroachment into areas in which impacts have not been approved.
4. No more than 16% of the area of the lot within the protected shoreland shall be covered by impervious surfaces unless additional approval is obtained from DES.
5. Native vegetation within an area of at least 3,250 SF within the Natural Woodland Buffer located between 50 and 150 feet landward of the reference line shall be retained in an unaltered state in order to comply with RSA 483-B:9, V, (b), (2).
6. Erosion and siltation control measures shall be installed prior to the start of work, be maintained throughout the project, and remain in place until all disturbed surfaces are stabilized.
7. Erosion and siltation controls shall be appropriate to the size and nature of the project and to the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to wetlands or surface waters.
8. No person undertaking any activity in the protected shoreland shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards established in Env-Wq 1700.
9. Any fill used shall be clean sand, gravel, rock, or other suitable material.
10. The individual responsible for completion of the work shall utilize techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
11. This permit shall not be interpreted as acceptance or approval of any impact that will occur within wetlands jurisdiction regulated under RSA 482-A including all wetlands, surface waters and their banks. The owner is responsible for maintaining compliance with RSA 482-A and Administrative Rules Env-Wt 100 - 900 and obtaining any Wetland Impact Permit that may be required prior to construction, excavation or fill that will occur within Wetlands jurisdiction.
12. This permit shall not preclude DES from taking any enforcement or revocation action if DES later determines that any of the structures depicted as "existing" on the plans submitted by the applicant were not previously permitted or grandfathered.

2017-01778

NEAL, CHERYL/JOHN

MEREDITH LAKE WINNIPESAUKEE

Requested Action:

Impact 2,361 square feet (SF) of protected shoreland in order to add steps to the existing deck, remove a patio and stone fire place, reconfigure stone retaining walls; re-build stone steps at basement walkout; install stone walkways and stepping stones to walkouts.

APPROVE PERMIT

Impact 2,361 square feet (SF) of protected shoreland in order to add steps to the existing deck, remove a patio and stone fire place, reconfigure stone retaining walls; re-build stone steps at basement walkout; install stone walkways and stepping

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stones to walkouts.

With Conditions:

1. All work shall be in accordance with plans by Jennifer Benjamin, Landscape Architects and received by the NH Department of Environmental Services (DES) on June 20, 2017.
2. Orange construction fencing shall be installed at the limits of the temporary impact area as shown on the approved plans prior to the start of work and shall be maintained throughout the project in order to prevent accidental encroachment into areas in which impacts have not been approved.
3. No more than 27.6% of the area of the lot within the protected shoreland shall be covered by impervious surfaces unless additional approval is obtained from DES.
4. Native vegetation within an area of at least 2,700 SF within the Natural Woodland Buffer located between 50 and 150 feet landward of the reference line shall be retained in an unaltered state in order to comply with RSA 483-B:9, V, (b), (2).
5. Erosion and siltation control measures shall be installed prior to the start of work, be maintained throughout the project, and remain in place until all disturbed surfaces are stabilized.
6. Erosion and siltation controls shall be appropriate to the size and nature of the project and to the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to wetlands or surface waters.
7. No person undertaking any activity in the protected shoreland shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards established in Env-Wq 1700.
8. Any fill used shall be clean sand, gravel, rock, or other suitable material.
9. The individual responsible for completion of the work shall utilize techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
10. This permit shall not preclude DES from taking any enforcement or revocation action if DES later determines that any of the structures depicted as "existing" on the plans submitted by the applicant were not previously permitted or grandfathered.

2017-01783

GOODRICH, NANCY

WASHINGTON HIGHLAND LAKE

Requested Action:

Impact 10,010 square feet (SF) of protected shoreland in order to raze an existing house and reconstruct a new dwelling on the parcel. Additional outbuildings and an accessory structure "deck" is also proposed. The proposed development will increase impervious area to 15.1% of lot coverage. In conjunction with new development, a septic system and well will also be installed.

APPROVE PERMIT

Impact 10,010 square feet (SF) of protected shoreland in order to raze an existing house and reconstruct a new dwelling on the parcel. Additional outbuildings and an accessory structure "deck" is also proposed. The proposed development will increase impervious area to 15.1% of lot coverage. In conjunction with new development, a septic system and well will also be installed.

With Conditions:

1. All work shall be in accordance with plans by Meridian Land Services dated March 27, 2016 and received by the NH Department of Environmental Services (DES) on June 20, 2017.
2. Neither the new primary structure nor the proposed septic system may be constructed until the system is approved by the DES Subsurface Systems Bureau.
3. Orange construction fencing shall be installed at the limits of the temporary impact area as shown on the approved plans prior to the start of work and shall be maintained throughout the project in order to prevent accidental encroachment into areas in which impacts have not been approved.
4. No more than 15.1% of the area of the lot within the protected shoreland shall be covered by impervious surfaces unless additional approval is obtained from DES.
5. Native vegetation within an area of at least 4,208 SF within the Natural Woodland Buffer located between 50 and 150 feet landward of the reference line shall be retained in an unaltered state in order to comply with RSA 483-B:9, V, (b), (2).
6. Erosion and siltation control measures shall be installed prior to the start of work, be maintained throughout the project,

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and remain in place until all disturbed surfaces are stabilized.

7. Erosion and siltation controls shall be appropriate to the size and nature of the project and to the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to wetlands or surface waters.

8. No person undertaking any activity in the protected shoreland shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards established in Env-Wq 1700.

9. Any fill used shall be clean sand, gravel, rock, or other suitable material.

10. The individual responsible for completion of the work shall utilize techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).

11. This permit shall not preclude DES from taking any enforcement or revocation action if DES later determines that any of the structures depicted as "existing" on the plans submitted by the applicant were not previously permitted or grandfathered.

2017-01796

MICHAEL F & SARAH E CRONES TTEES

WAKEFIELD PINE RIVER POND

Requested Action:

Impact 4,084 square feet (SF) of protected shoreland in order to raze the existing primary, replace the home, install a septic system, water system, 8 ft. deck toward water, along with grading and land disturbance incidental to construction.

APPROVE PERMIT

Impact 4,084 square feet (SF) of protected shoreland in order to raze the existing primary, replace the home, install a septic system, water system, 8 ft. deck toward water, along with grading and land disturbance incidental to construction.

With Conditions:

1. All work shall be in accordance with plans by Land Tech dated May 9, 2017 and received by the NH Department of Environmental Services (DES) on June 21, 2017.

2. Neither the new primary structure nor the proposed septic system may be constructed until the system is approved by the DES Subsurface Systems Bureau.

3. Orange construction fencing shall be installed at the limits of the temporary impact area as shown on the approved plans prior to the start of work and shall be maintained throughout the project in order to prevent accidental encroachment into areas in which impacts have not been approved.

4. No more than 23.2% of the area of the lot within the protected shoreland shall be covered by impervious surfaces unless additional approval is obtained from DES.

5. Native vegetation within an area of at least 2,640 SF within the Natural Woodland Buffer located between 50 and 150 feet landward of the reference line shall be retained in an unaltered state in order to comply with RSA 483-B:9, V, (b), (2).

6. Erosion and siltation control measures shall be installed prior to the start of work, be maintained throughout the project, and remain in place until all disturbed surfaces are stabilized.

7. Erosion and siltation controls shall be appropriate to the size and nature of the project and to the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to wetlands or surface waters.

8. No person undertaking any activity in the protected shoreland shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards established in Env-Wq 1700.

9. Any fill used shall be clean sand, gravel, rock, or other suitable material.

10. The proposed (stormwater management structures) shall be installed and maintained to effectively absorb and infiltrate stormwater.

11. The individual responsible for completion of the work shall utilize techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).

12. This permit shall not preclude DES from taking any enforcement or revocation action if DES later determines that any of the structures depicted as "existing" on the plans submitted by the applicant were not previously permitted or grandfathered.

2017-01801

DANIEL W AYER REVOCABLE AGREEMENT OF TRUST

DOVER COCHECO RIVER

07/17/2017 to 07/23/2017

Requested Action:

Impact 8,389 square feet of protected shoreland in order to complete the 2nd phase of a 2-phase residential subdivision. Phase 1 has been constructed. Proposed impacts to construct a trail and storm water pond on lots 18 and 19.

APPROVE PERMIT

Impact 8,389 square feet of protected shoreland in order to complete the 2nd phase of a 2-phase residential subdivision. Phase 1 has been constructed. Proposed impacts to construct a trail and storm water pond on lots 18 and 19.

With Conditions:

1. All work shall be in accordance with plans by MJS Engineering, P.C. dated June 6, 2017 and received by the NH Department of Environmental Services (DES) on June 22, 2017.
2. Orange construction fencing shall be installed at the limits of the temporary impact area as shown on the approved plans prior to the start of work and shall be maintained throughout the project in order to prevent accidental encroachment into areas in which impacts have not been approved.
3. No more than 6.3% of the area of the lot within the protected shoreland shall be covered by impervious surfaces unless additional approval is obtained from DES.
4. Native vegetation within an area of at least 2,123 SF within the Natural Woodland Buffer located between 50 and 150 feet landward of the reference line shall be retained in an unaltered state in order to comply with RSA 483-B:9, V, (b), (2).
5. Erosion and siltation control measures shall be installed prior to the start of work, be maintained throughout the project, and remain in place until all disturbed surfaces are stabilized.
6. Erosion and siltation controls shall be appropriate to the size and nature of the project and to the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to wetlands or surface waters.
7. No person undertaking any activity in the protected shoreland shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards established in Env-WVq 1700.
8. Any fill used shall be clean sand, gravel, rock, or other suitable material.
10. Within three days of final grading or temporary suspension of work in an area that is in or adjacent to wetlands or surface waters, all exposed soil areas shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tack or netting and pinning on slopes steeper than 3:1.
11. The individual responsible for completion of the work shall utilize techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
12. This permit shall not be interpreted as acceptance or approval of any impact that will occur within wetlands jurisdiction regulated under RSA 482-A including all wetlands, surface waters and their banks, the tidal-buffer zone, and sand dunes. The owner is responsible for maintaining compliance with RSA 482-A and Administrative Rules Env-Wt 100 - 900 and obtaining any Wetland Impact Permit that may be required prior to construction, excavation or fill that will occur within Wetlands jurisdiction.
13. This permit shall not preclude DES from taking any enforcement or revocation action if DES later determines that any of the structures depicted as "existing" on the plans submitted by the applicant were not previously permitted or grandfathered.

2017-01810

MANNION, MARTIN/TRISTIN

CENTER HARBOR SQUAM LAKE

Requested Action:

Impact 6,400 square feet (SF) of protected shoreland in order to construct an addition at the NE corner of the existing residence, and a second addition at the S side of the residence. Permanently remove and existing deck at the NW corner of the residence and reconfigure the existing driveway to avoid the new addition. Construct a proposed gazebo within the Waterfront buffer, and >20 ft. from the shoreline.

APPROVE PERMIT

Impact 6,400 square feet (SF) of protected shoreland in order to construct an addition at the NE corner of the existing residence, and a second addition at the S side of the residence. Permanently remove an existing deck at the NW corner of the residence and reconfigure the existing driveway to avoid the new addition. Construct a proposed gazebo within the Waterfront buffer, and >20 ft. from the shoreline.

With Conditions:

1. All work shall be in accordance with plans by Ames Associates dated June 7, 2017 and received by the NH Department of Environmental Services (DES) on June 22, 2017.
2. Orange construction fencing shall be installed at the limits of the temporary impact area as shown on the approved plans prior to the start of work and shall be maintained throughout the project in order to prevent accidental encroachment into areas in which impacts have not been approved.
3. No more than 25.2% of the area of the lot within the protected shoreland shall be covered by impervious surfaces unless additional approval is obtained from DES.
4. Native vegetation within an area of at least 5,845 SF within the Natural Woodland Buffer located between 50 and 150 feet landward of the reference line shall be retained in an unaltered state in order to comply with RSA 483-B:9, V, (b), (2).
5. Erosion and siltation control measures shall be installed prior to the start of work, be maintained throughout the project, and remain in place until all disturbed surfaces are stabilized.
6. Erosion and siltation controls shall be appropriate to the size and nature of the project and to the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to wetlands or surface waters.
7. No person undertaking any activity in the protected shoreland shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards established in Env-Wq 1700.
8. Any fill used shall be clean sand, gravel, rock, or other suitable material.
9. The proposed (stormwater management structures) shall be installed and maintained to effectively absorb and infiltrate stormwater.
10. The individual responsible for completion of the work shall utilize techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
11. This permit shall not preclude DES from taking any enforcement or revocation action if DES later determines that any of the structures depicted as "existing" on the plans submitted by the applicant were not previously permitted or grandfathered.

2017-01831

SOUCY, JEAN

SANDOWN PHILLIP'S POND

Requested Action:

Impact 23,988 square feet (SF) of protected shoreland in order to construct a 4 bedroom primary structure with septic system.

APPROVE PERMIT

Impact 23,988 square feet (SF) of protected shoreland in order to construct a 4 bedroom primary structure with septic system.

With Conditions:

1. All work shall be in accordance with plans by Cornerstone Survey Assoc. dated November 3, 2017 and received by the NH Department of Environmental Services (DES) on June 23, 2017.
2. Neither the new primary structure nor the proposed septic system may be constructed until the system is approved by the DES Subsurface Systems Bureau.
3. Orange construction fencing shall be installed at the limits of the temporary impact area as shown on the approved plans prior to the start of work and shall be maintained throughout the project in order to prevent accidental encroachment into areas in which impacts have not been approved.
4. No more than 3.8% of the area of the lot within the protected shoreland shall be covered by impervious surfaces unless

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additional approval is obtained from DES.

5. Native vegetation within an area of at least 10,225 SF within the Natural Woodland Buffer located between 50 and 150 feet landward of the reference line shall be retained in an unaltered state in order to comply with RSA 483-B:9, V, (b), (2).
6. Erosion and siltation control measures shall be installed prior to the start of work, be maintained throughout the project, and remain in place until all disturbed surfaces are stabilized.
7. Erosion and siltation controls shall be appropriate to the size and nature of the project and to the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to wetlands or surface waters.
8. No person undertaking any activity in the protected shoreland shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards established in Env-Wq 1700.
9. Any fill used shall be clean sand, gravel, rock, or other suitable material.
10. The individual responsible for completion of the work shall utilize techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
11. This permit shall not preclude DES from taking any enforcement or revocation action if DES later determines that any of the structures depicted as "existing" on the plans submitted by the applicant were not previously permitted or grandfathered.

2017-01849

EWING, MICHAEL

ALTON LAKE WINNIPESAUKEE

Requested Action:

Impact 5,803 square feet (SF) of protected shoreland in order to add a garage to the existing structure, upgrade the lakeside deck to a covered porch, reconstruct a portion of the driveway, install a catch basin, dry well and drip edges.

APPROVE PERMIT

Impact 5,803 square feet (SF) of protected shoreland in order to add a garage to the existing structure, upgrade the lakeside deck to a covered porch, reconstruct a portion of the driveway, install a catch basin, dry well and drip edges.

With Conditions:

1. All work shall be in accordance with plans by Varney Engineering dated June 20, 2017 and received by the NH Department of Environmental Services (DES) on June 26, 2017.
2. Orange construction fencing shall be installed at the limits of the temporary impact area as shown on the approved plans prior to the start of work and shall be maintained throughout the project in order to prevent accidental encroachment into areas in which impacts have not been approved.
3. No more than 28.7% of the area of the lot within the protected shoreland shall be covered by impervious surfaces unless additional approval is obtained from DES.
4. Native vegetation within an area of at least 2,235 SF within the Natural Woodland Buffer located between 50 and 150 feet landward of the reference line shall be retained in an unaltered state in order to comply with RSA 483-B:9, V, (b), (2).
5. Erosion and siltation control measures shall be installed prior to the start of work, be maintained throughout the project, and remain in place until all disturbed surfaces are stabilized.
6. Erosion and siltation controls shall be appropriate to the size and nature of the project and to the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to wetlands or surface waters.
7. No person undertaking any activity in the protected shoreland shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards established in Env-Wq 1700.
8. Any fill used shall be clean sand, gravel, rock, or other suitable material.
9. The proposed (stormwater management structures) shall be installed and maintained to effectively absorb and infiltrate stormwater.
10. Photographs documenting the construction of the proposed (stormwater management structures) shall be submitted to the Department prior to any party taking up occupancy of the new residential primary structure.
11. The individual responsible for completion of the work shall utilize techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
12. This permit shall not preclude DES from taking any enforcement or revocation action if DES later determines that any of the structures depicted as "existing" on the plans submitted by the applicant were not previously permitted or grandfathered.

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2017-01902

HOPPER, DOLORES/THOMAS

HOLDERNESS WHITE OAK POND

Requested Action:

Impact 6,900 square feet (SF) of protected shoreland in order to replace existing walkways and add new walkways between the residence and waterfront, and along the north side of the residence. A 150 SF patio will be constructed. Rework existing retaining walls and construct new walls. Proposed plantings within the Natural Woodland Buffer.

APPROVE PERMIT

Impact 6,900 square feet (SF) of protected shoreland in order to replace existing walkways and add new walkways between the residence and waterfront, and along the north side of the residence. A 150 SF patio will be constructed. Rework existing retaining walls and construct new walls. Proposed plantings within the Natural Woodland Buffer.

With Conditions:

1. All work shall be in accordance with plans by Ames Associates dated July 12, 2017 and received by the NH Department of Environmental Services (DES) on July 17, 2017.
2. Orange construction fencing shall be installed at the limits of the temporary impact area as shown on the approved plans prior to the start of work and shall be maintained throughout the project in order to prevent accidental encroachment into areas in which impacts have not been approved.
3. No more than 25.6% of the area of the lot within the protected shoreland shall be covered by impervious surfaces unless additional approval is obtained from DES.
4. Native vegetation within an area of at least 1,300 SF within the Natural Woodland Buffer located between 50 and 150 feet landward of the reference line shall be retained in an unaltered state in order to comply with RSA 483-B:9, V, (b), (2).
5. Erosion and siltation control measures shall be installed prior to the start of work, be maintained throughout the project, and remain in place until all disturbed surfaces are stabilized.
6. Erosion and siltation controls shall be appropriate to the size and nature of the project and to the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to wetlands or surface waters.
7. No person undertaking any activity in the protected shoreland shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards established in Env-Wq 1700.
8. Any fill used shall be clean sand, gravel, rock, or other suitable material.
9. The proposed (stormwater management structures) shall be installed and maintained to effectively absorb and infiltrate stormwater.
10. Photographs documenting the construction of the proposed (stormwater management structures) shall be submitted to the Department prior to any party taking up occupancy of the new residential primary structure.
11. The individual responsible for completion of the work shall utilize techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
12. This permit shall not preclude DES from taking any enforcement or revocation action if DES later determines that any of the structures depicted as "existing" on the plans submitted by the applicant were not previously permitted or grandfathered.

2017-01994

BRODERICK, GREG

FREEDOM LOWER DANFORTH POND

Requested Action:

Impact 3,327 square feet (SF) of protected shoreland in order to install 280 SF addition to primary structure, 1,377 SF driveway, 676 SF garage and 68 SF of rock retaining wall.

APPROVE PERMIT

Impact 3,327 square feet (SF) of protected shoreland in order to install 280 SF addition to primary structure, 1,377 SF driveway, 676 SF garage and 68 SF of rock retaining wall.

With Conditions:

1. All work shall be in accordance with plans by Mark McConkey dated May 29, 2017 and received by the NH Department of Environmental Services (DES) on July 7, 2017.
2. This permit is contingent upon receipt of any approval as may be required under RSA 485-A and Rules Env-Wq 1000 is obtained from DES Subsurface Systems Bureau .
3. Orange construction fencing shall be installed at the limits of the temporary impact area as shown on the approved plans prior to the start of work and shall be maintained throughout the project in order to prevent accidental encroachment into areas in which impacts have not been approved.
4. No more than 19.3% of the area of the lot within the protected shoreland shall be covered by impervious surfaces unless additional approval is obtained from DES.
5. Native vegetation within an area of at least 3,470 SF within the Natural Woodland Buffer located between 50 and 150 feet landward of the reference line shall be retained in an unaltered state in order to comply with RSA 483-B:9, V, (b), (2).
6. Erosion and siltation control measures shall be installed prior to the start of work, be maintained throughout the project, and remain in place until all disturbed surfaces are stabilized.
7. Erosion and siltation controls shall be appropriate to the size and nature of the project and to the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to wetlands or surface waters.
8. No person undertaking any activity in the protected shoreland shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards established in Env-Wq 1700.
9. Any fill used shall be clean sand, gravel, rock, or other suitable material.
10. The individual responsible for completion of the work shall utilize techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
11. This permit shall not preclude DES from taking any enforcement or revocation action if DES later determines that any of the structures depicted as "existing" on the plans submitted by the applicant were not previously permitted or grandfathered.

